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- GRAY SCALE DOCUMENTS

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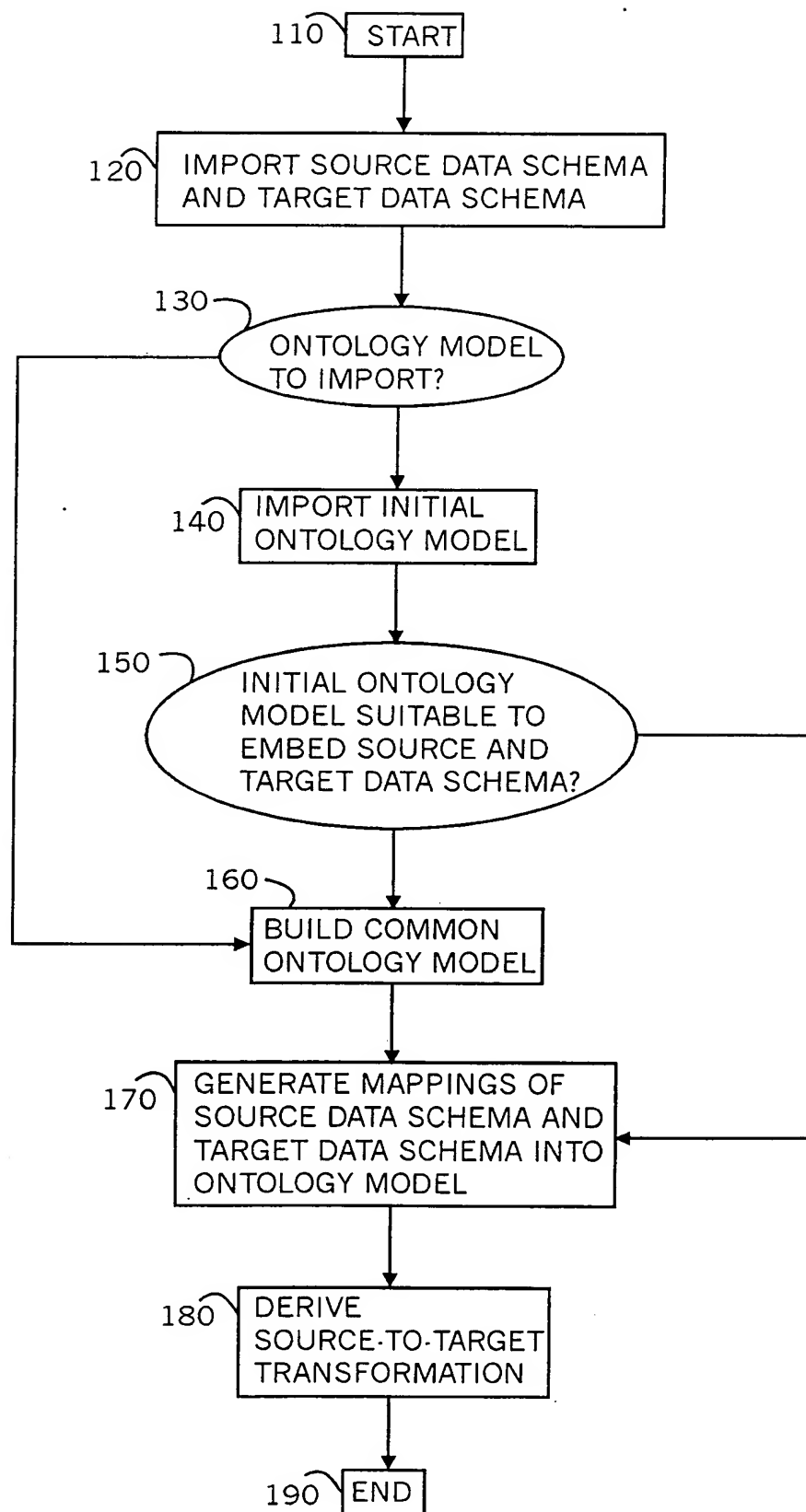


FIG. 1

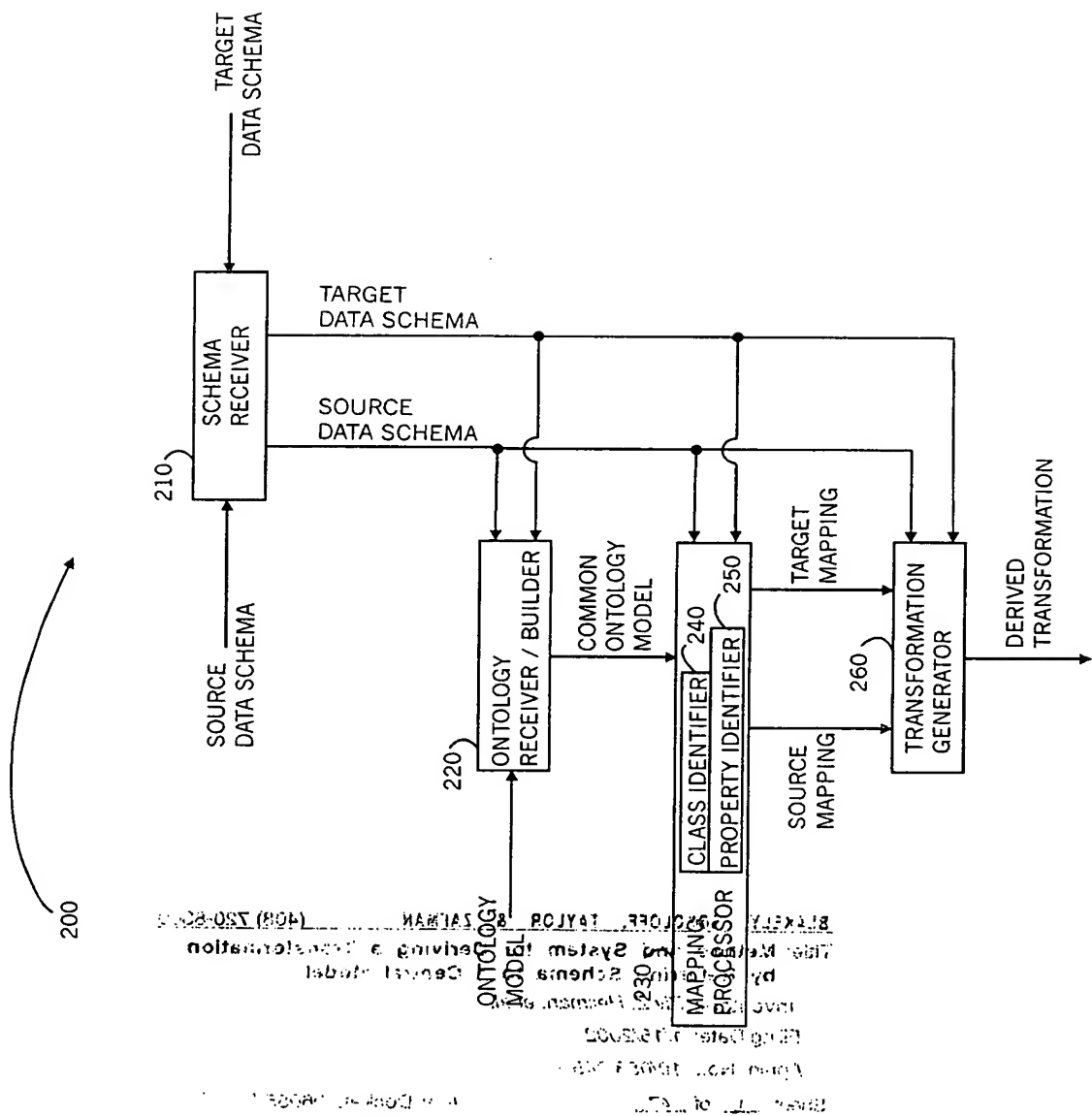


FIG. 2

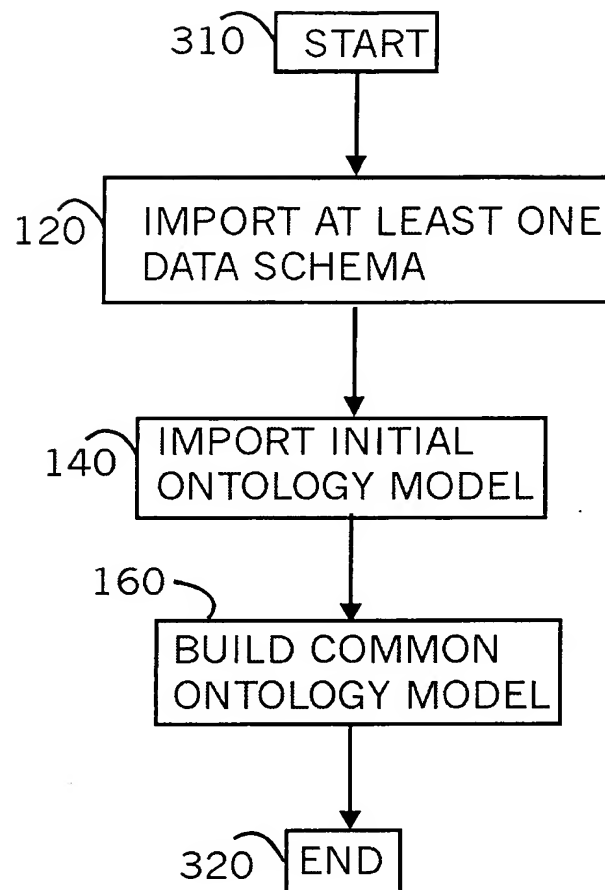


FIG. 3

KATLYN SCHELOFF, TAYLOR & ZAFMAN
 Method and System for Deriving a Transformation
 by Rotating Schema to a Central Model
 Invented by KATLYN SCHELOFF, TAYLOR & ZAFMAN
 Filing Date: 01/15/2008
 App. No.: 12/000,000
 Pub. No.: 2008/000,000
 Pub. Date: 01/15/2008

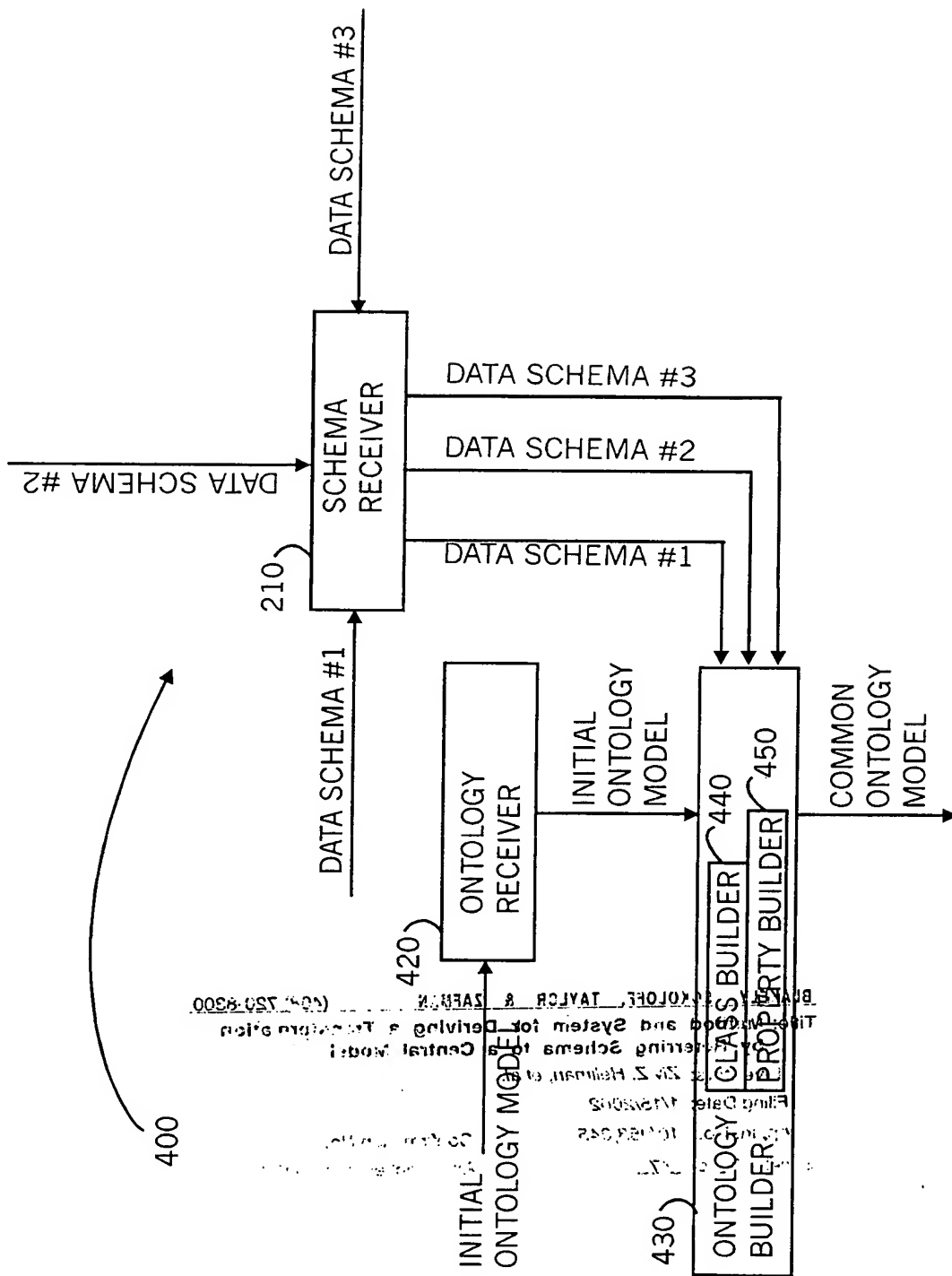


FIG. 4

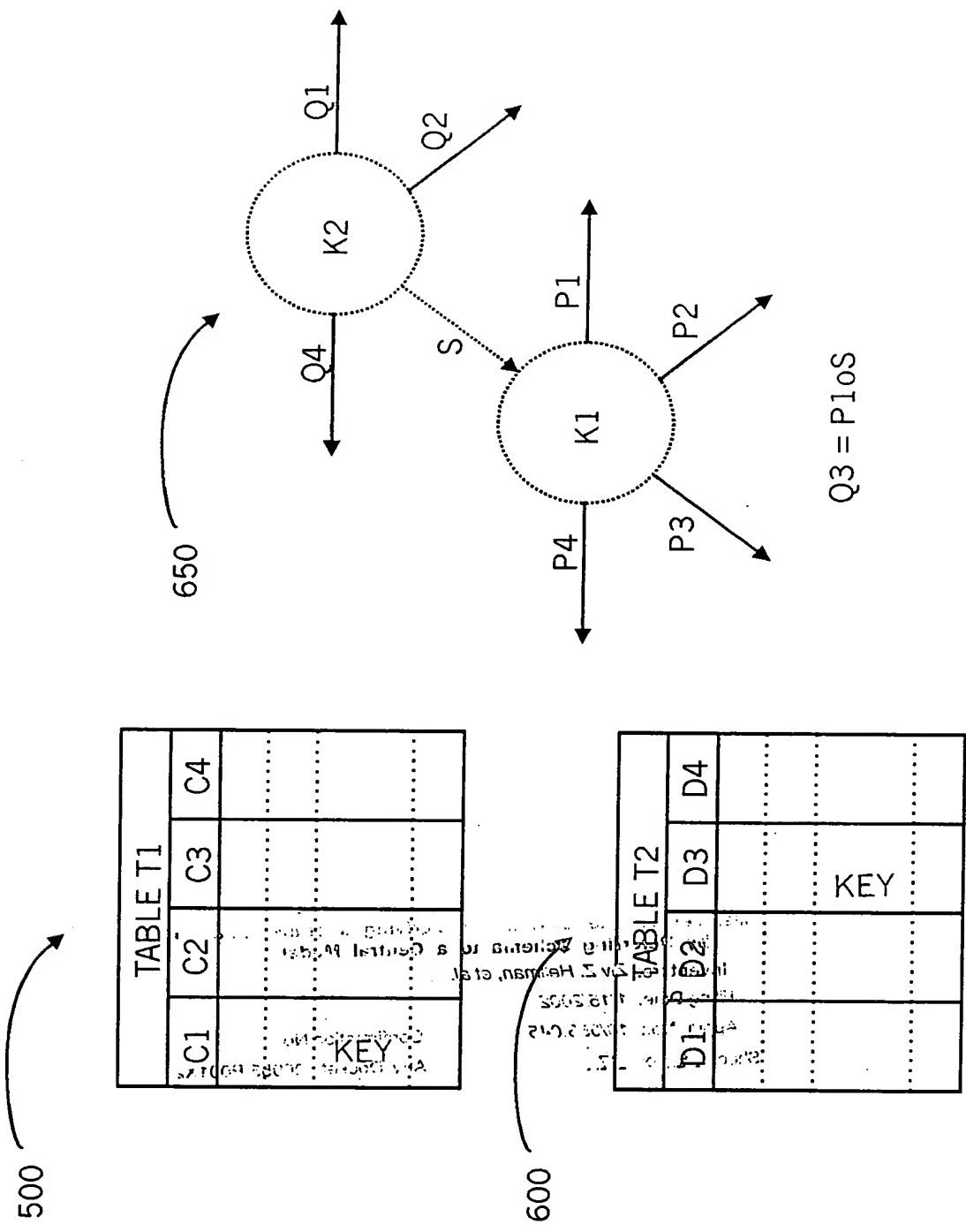


FIG. 6

"TWA_CUSTOMER"	
FIRSTNAME	LASTNAME
James	Grey
Bill	Hall
David	Shaw
Hans	Schmidt

Full Name = First Name + Last Name

"SERVATIONS"	
TOAIRPORT	DISTANCEINMILES
LAX	5355
LGA	6010
BOS	162
LAX	516
SEA	290

1 Mile = 1.6 Kilometer

Joining

Editor - "AIRLINES"."TWA_CUSTOMER"	
PASSPORT	LASTNAME
4577393	Grey

Editor - "AIRLINES"."AA_FREQUENTFLYER"	
PASSPORT	MEMBERSHIPID
4577393	221

Editor - "AIRLINES"."TWA_FREQUFLYER"	
PASSPORT	MEMBERSHIPID
4577393	221

Editor - "AIRLINES"."AA_FREQUENTFLYER"	
PASSPORT	MEMBERSHIPID
4577393	221

FIG. 7

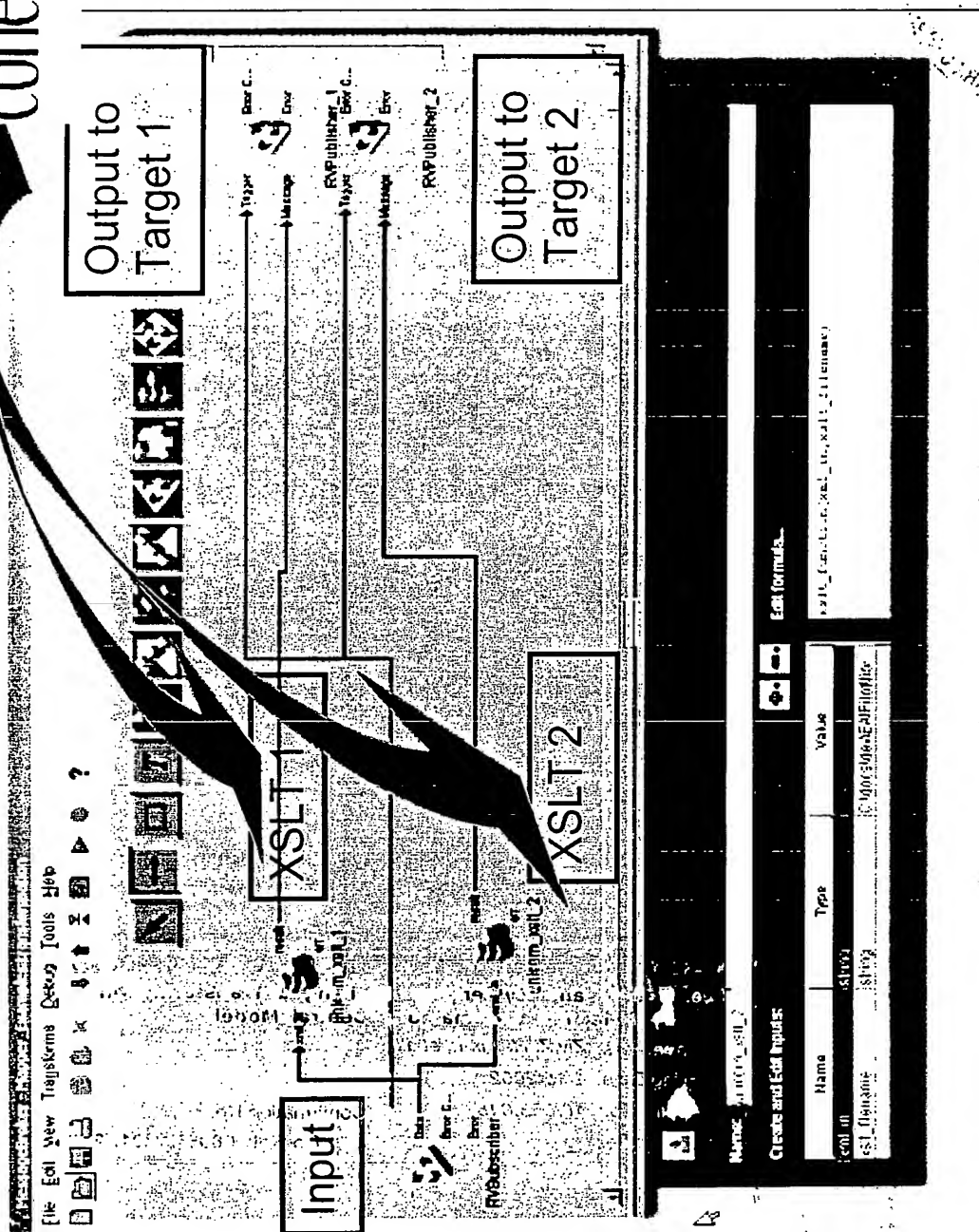


FIG. 8

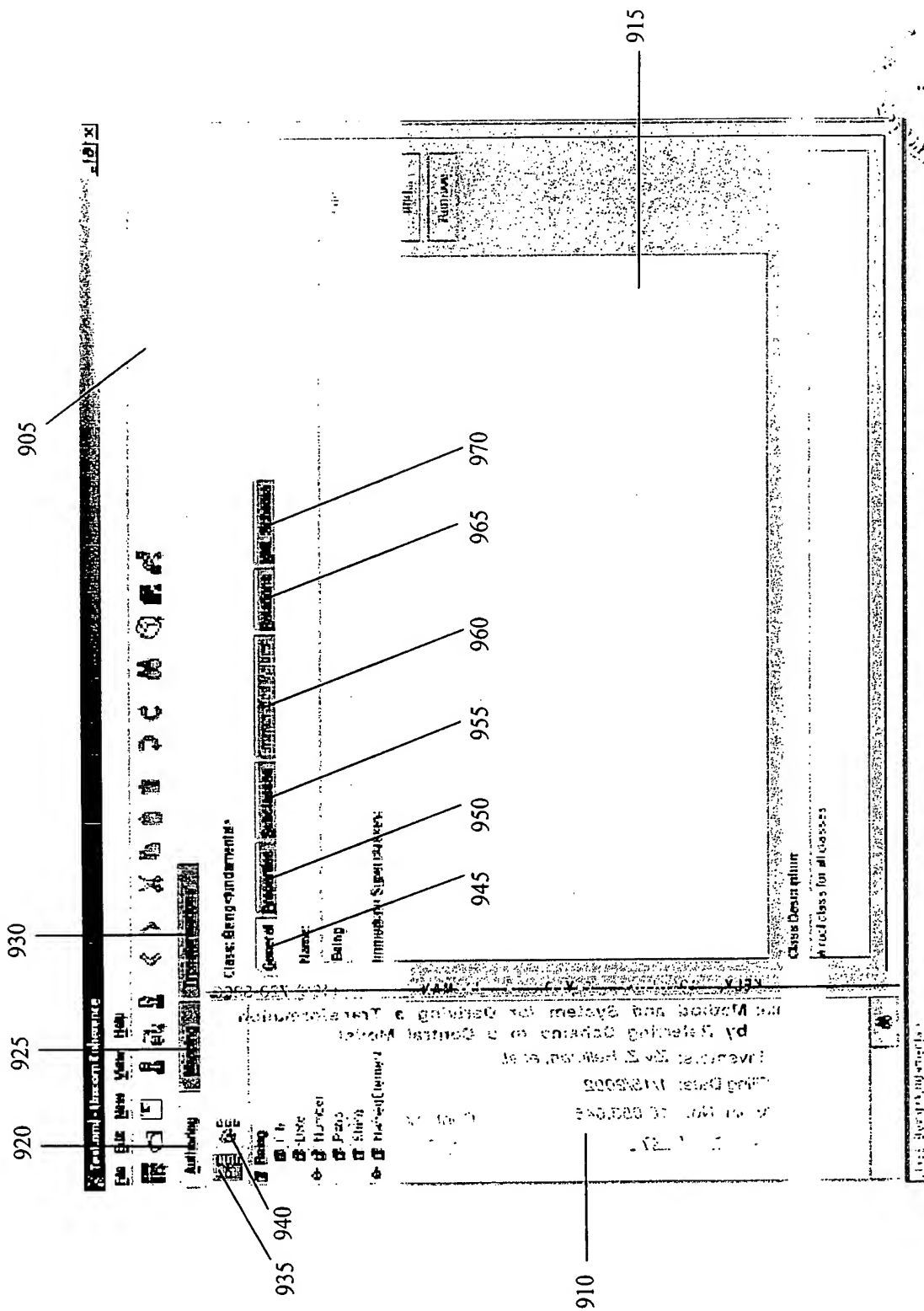


FIG. 9A

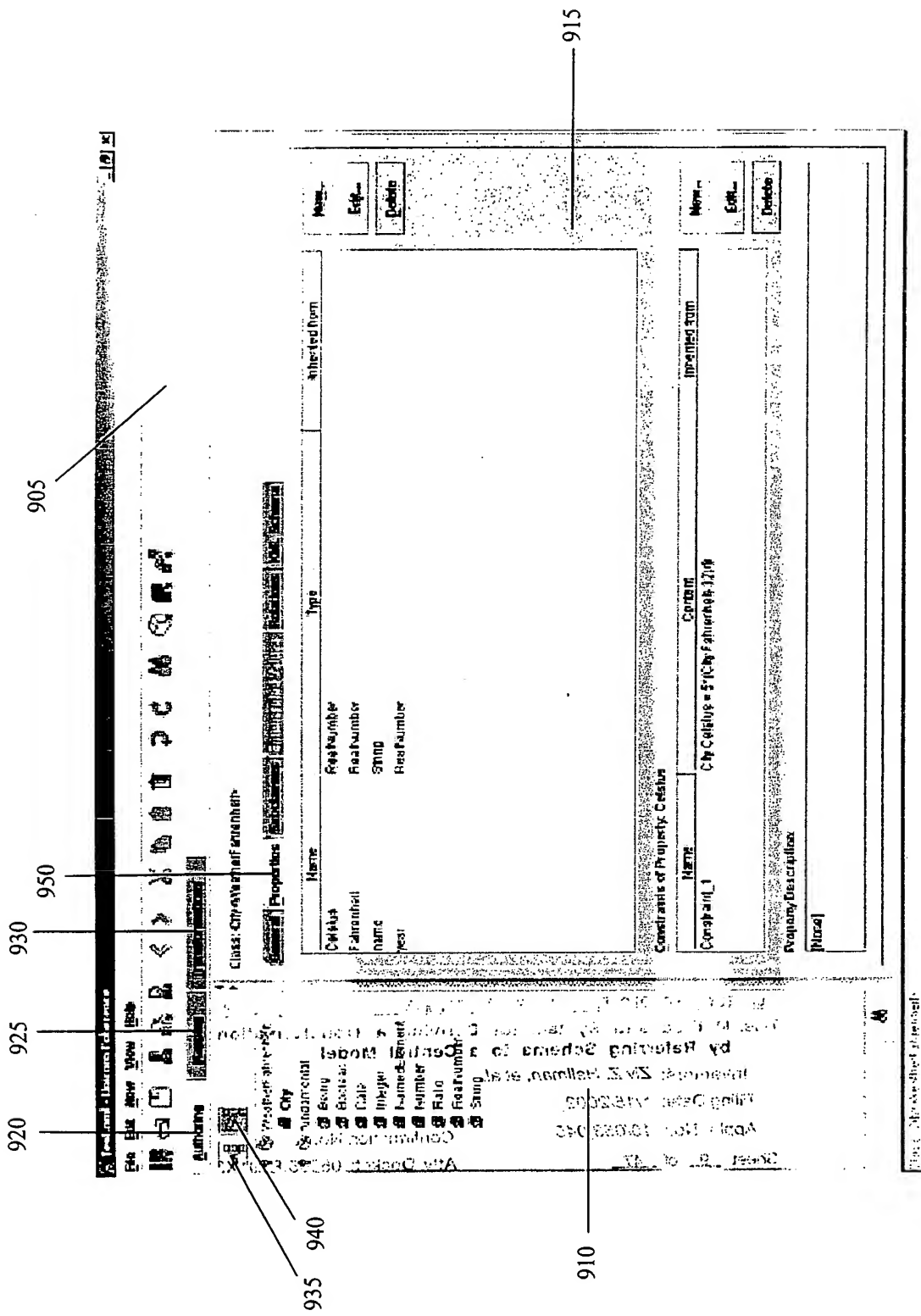


FIG. 9B

[illegible]

[illegible]

Schema Converter (1.0)

Database Name:

Post Name:

Port:

Username:

Password:

Oracle Schema:

Coherence Schema:

Output File:

Select Location..

Convert Schema

1010

FIG. 10



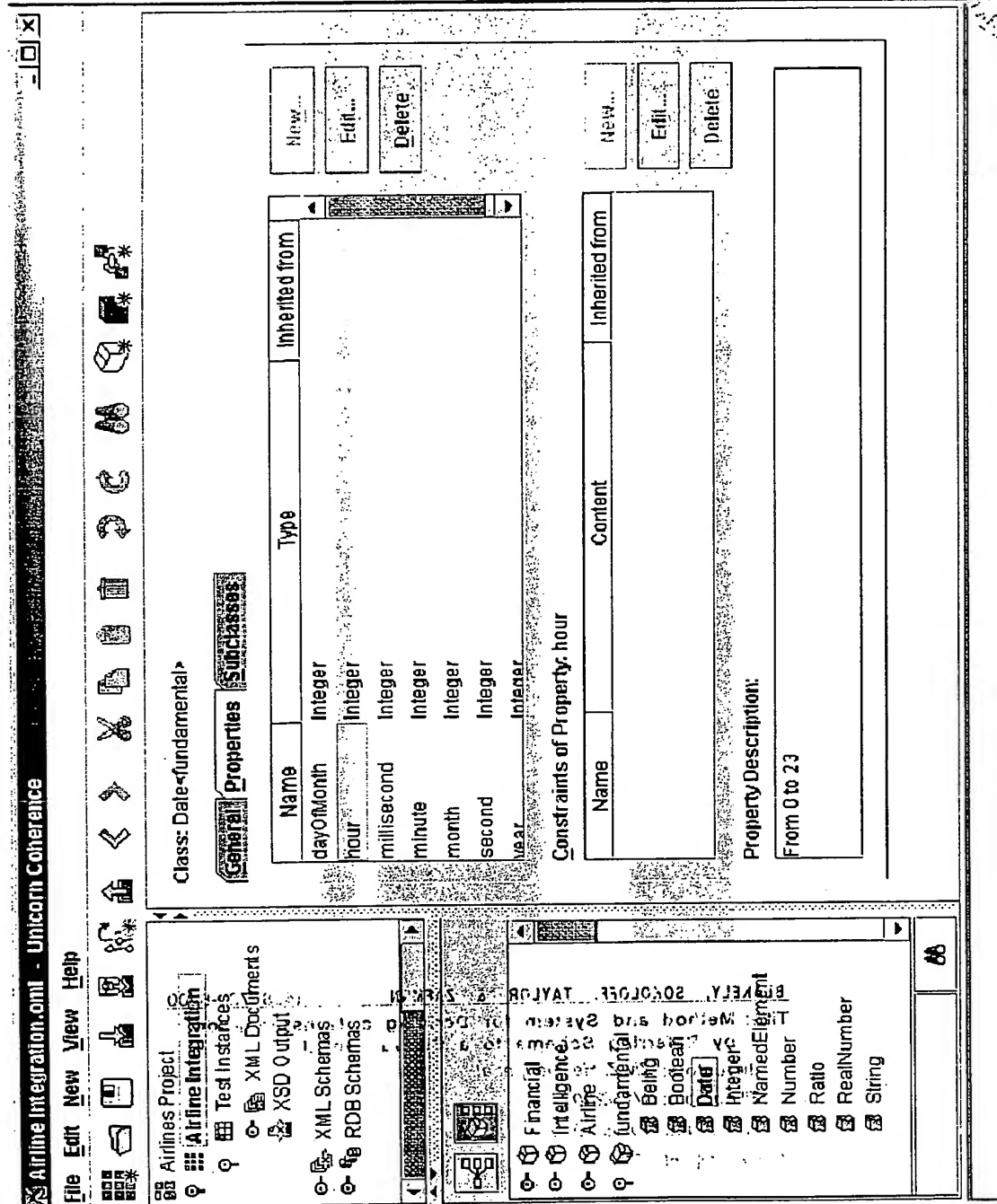


FIG. 11A

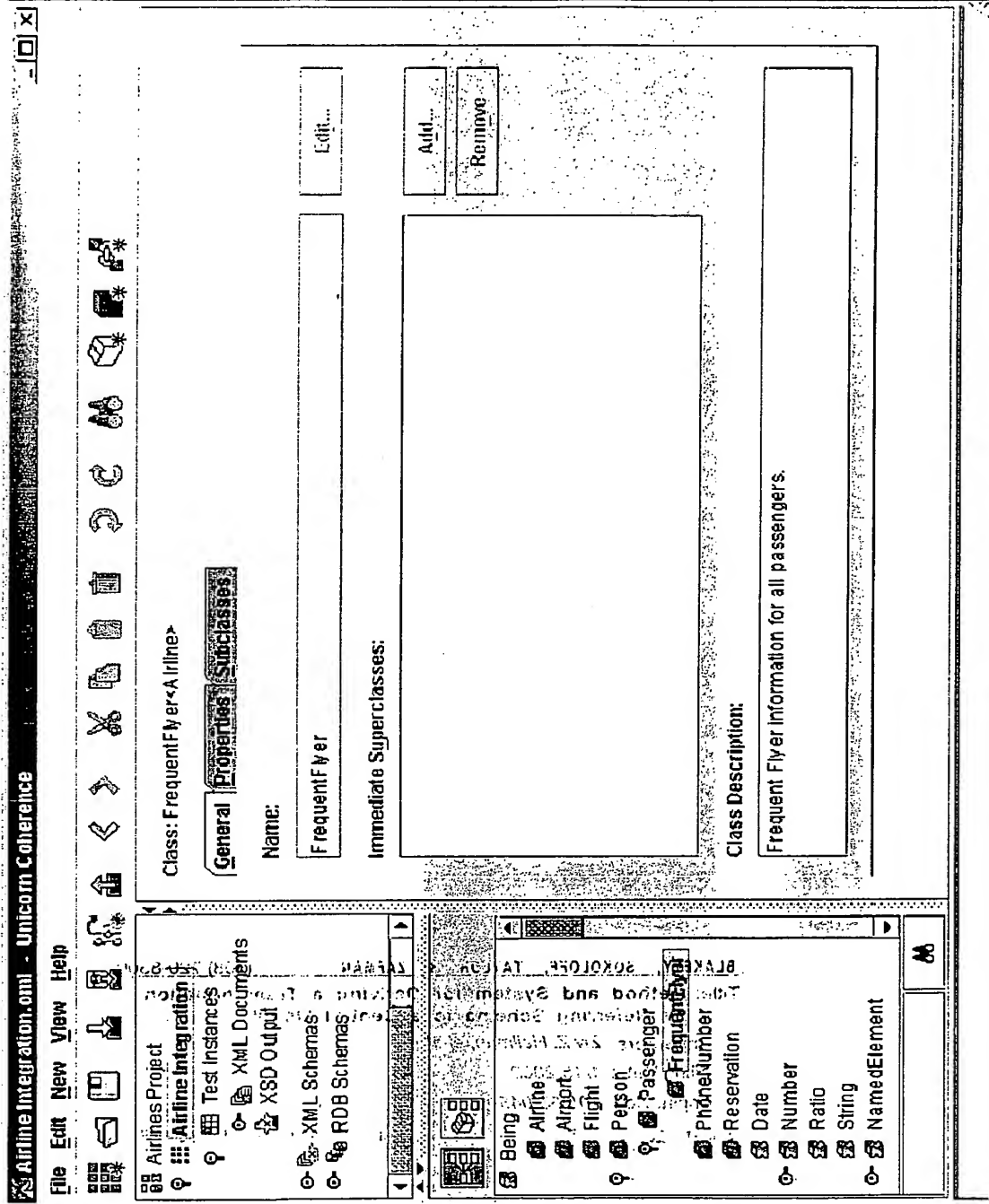


FIG. 11B

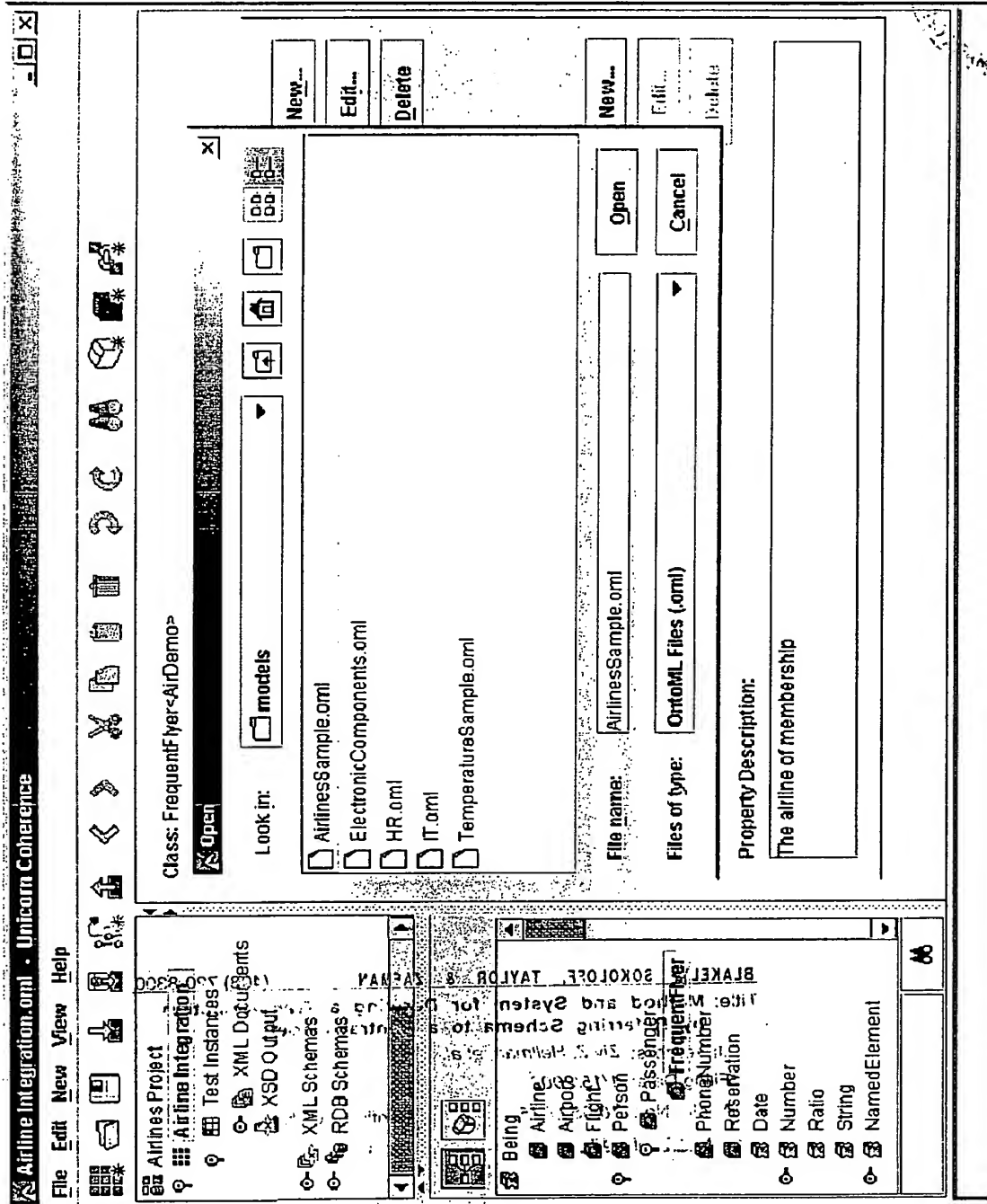


FIG. 11C

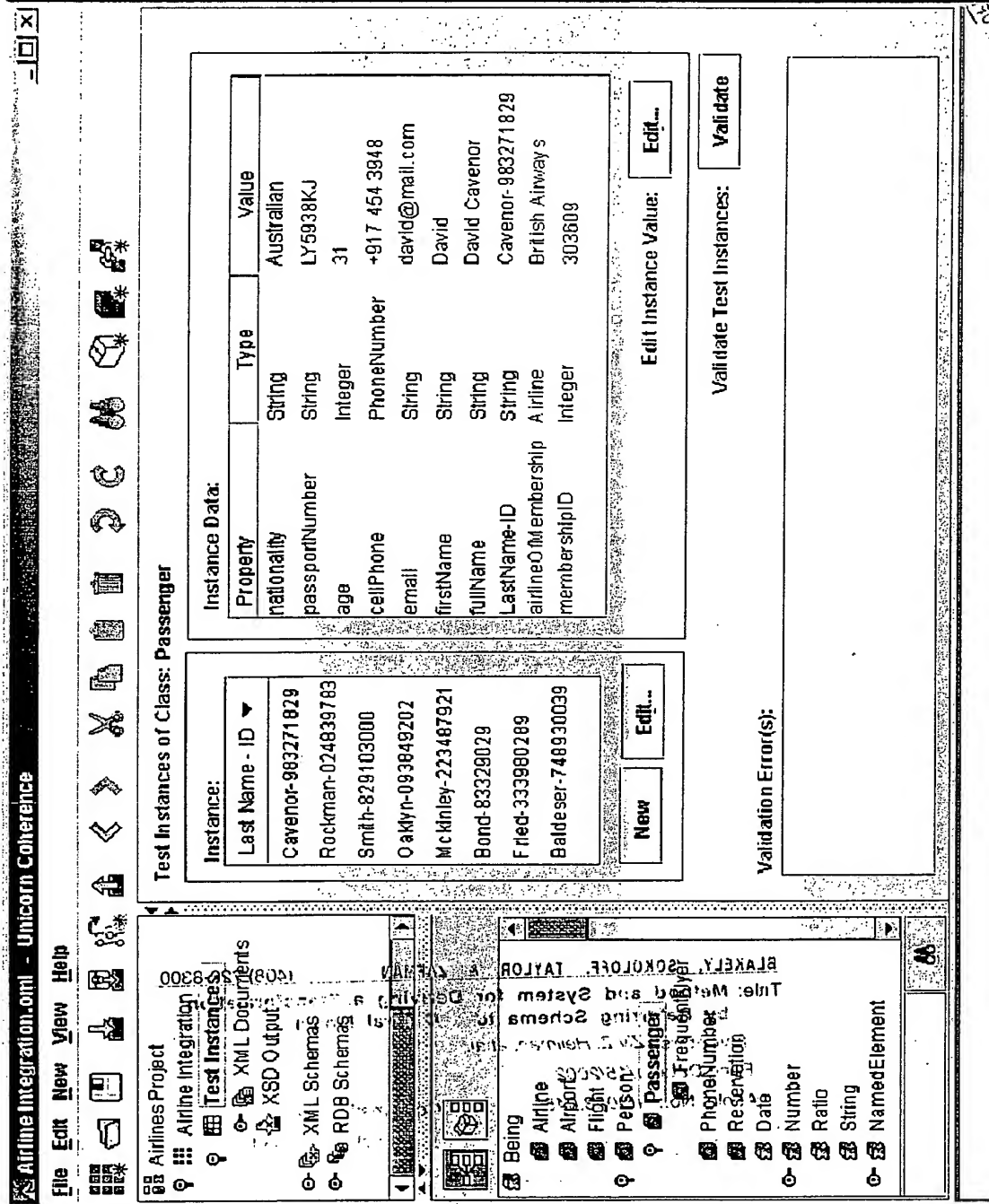


FIG. 11E

```

<?xml version="1.0" encoding="UTF-8" ?>
- <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
  elementFormDefault="qualified" attributeFormDefault="unqualified">
- <xs:complexType name="Flights">
- <xs:sequence>
- <xs:element name="flight" type="Flight"
  minOccurs="1" maxOccurs="unbounded" />
- </xs:sequence>
- </xs:complexType>
- <xs:complexType name="Flight">
- <xs:sequence>
- <xs:element name="airline" type="xs:string"
  minOccurs="1" maxOccurs="1" />
- <xs:element name="arrivalAirport" type="xs:string"
  minOccurs="1" maxOccurs="1" />
- <xs:element name="departureAirport" type="xs:string"
  minOccurs="1" maxOccurs="1" />
- <xs:element name="distanceInKm" type="xs:float"
  minOccurs="1" maxOccurs="1" />
- <xs:element name="startTime" type="xs:dateTime"
  minOccurs="1" maxOccurs="1" />
- </xs:sequence>
- </xs:complexType>
- <xs:complexType name="FlightID" type="xs:string"
  base="xs:string" />
- </xs:complexType>
- <xs:complexType name="Reservation">
- <xs:sequence>
- <xs:element name="flightInfo" type="FlightInfo"
  minOccurs="1" maxOccurs="1" />
- <xs:element name="passenger" type="Passenger"
  minOccurs="1" maxOccurs="1" />
- <xs:element name="reservationID" type="xs:string"
  base="xs:string" />
- </xs:sequence>
- </xs:complexType>

```

Swiss Air Schema

```

<?xml version="1.0" encoding="UTF-8" ?>
- <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
  elementFormDefault="qualified" attributeFormDefault="unqualified">
- <xs:element name="customerOrder" type="FlightReservation" />
- <xs:complexType name="FlightInfo">
- <xs:sequence>
- <xs:element name="securityLevel" type="xs:string" />
- <xs:element name="flightOccurrence" type="Journey"
  minOccurs="0" maxOccurs="unbounded" />
- </xs:sequence>
- </xs:complexType>
- <xs:complexType name="Journey">
- <xs:sequence>
- <xs:element name="airline" type="Company" />
- <xs:element name="arrival" type="Airport" />
- <xs:element name="departure" type="Airport" />
- <xs:element name="distanceInMiles" type="xs:float" />
- <xs:element name="id" type="xs:string" />
- <xs:element name="take-off" type="xs:date" />
- </xs:sequence>
- </xs:complexType>
- <xs:complexType name="FlightReservation">
- <xs:sequence>
- <xs:element name="flightInfo" type="FlightInfo" />
- <xs:complexType>
- <xs:sequence>
- <xs:element name="flight" type="Journey" />
- </xs:sequence>
- </xs:complexType>
- </xs:element>
- <xs:element name="commuter" type="Commuter" />

```

British Airways Schema

FIG. 11F

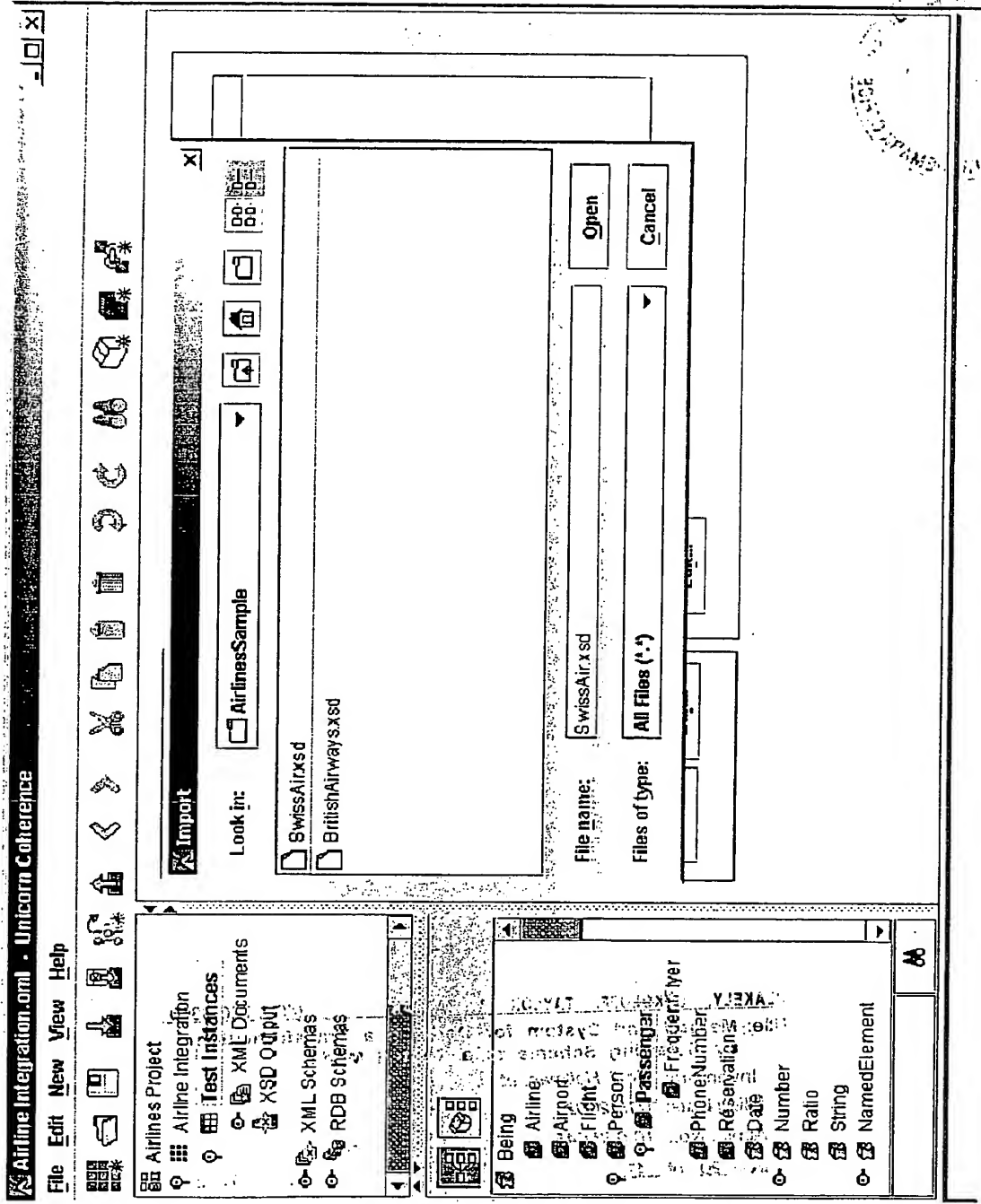


FIG. 11G

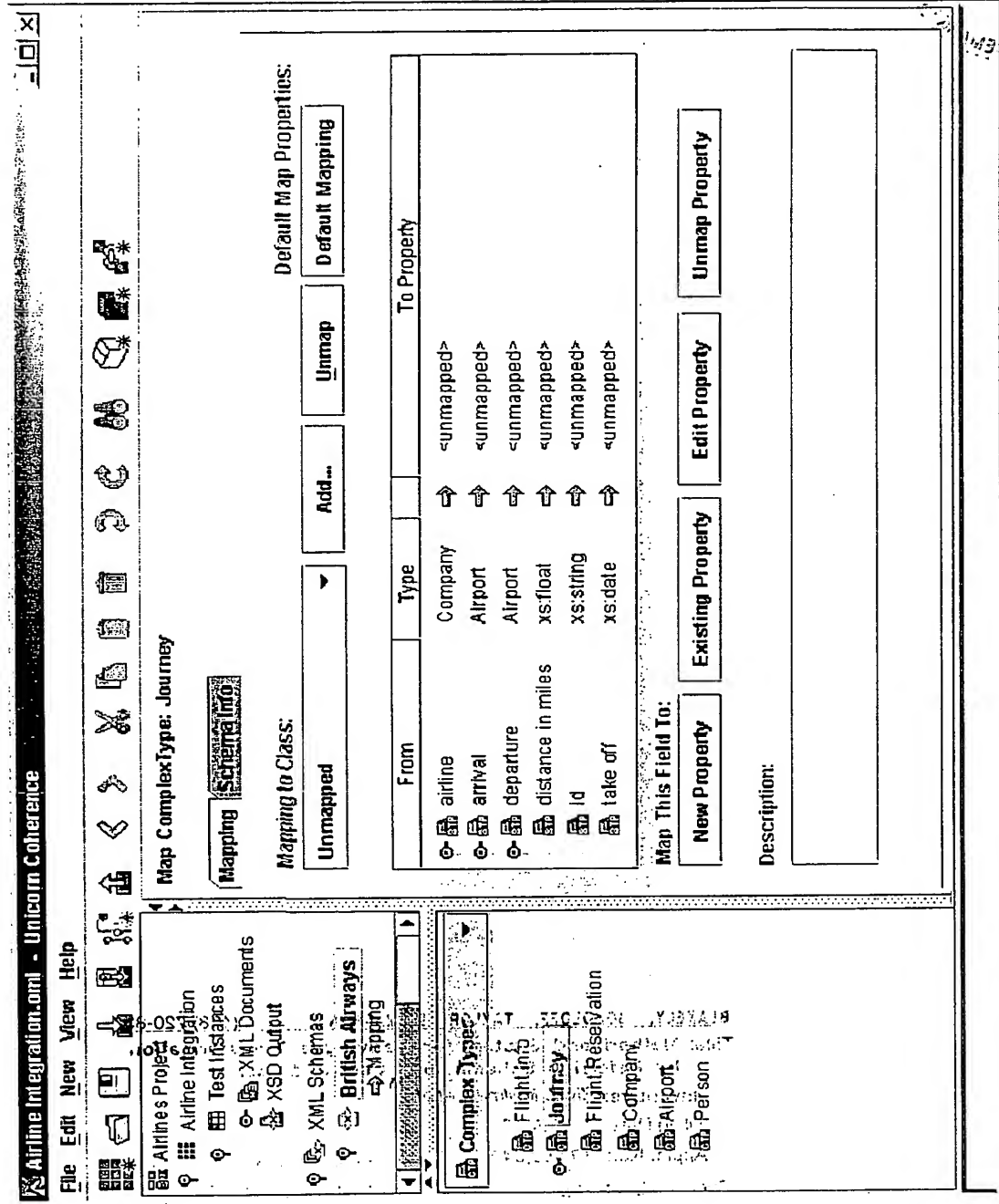


FIG. 11H

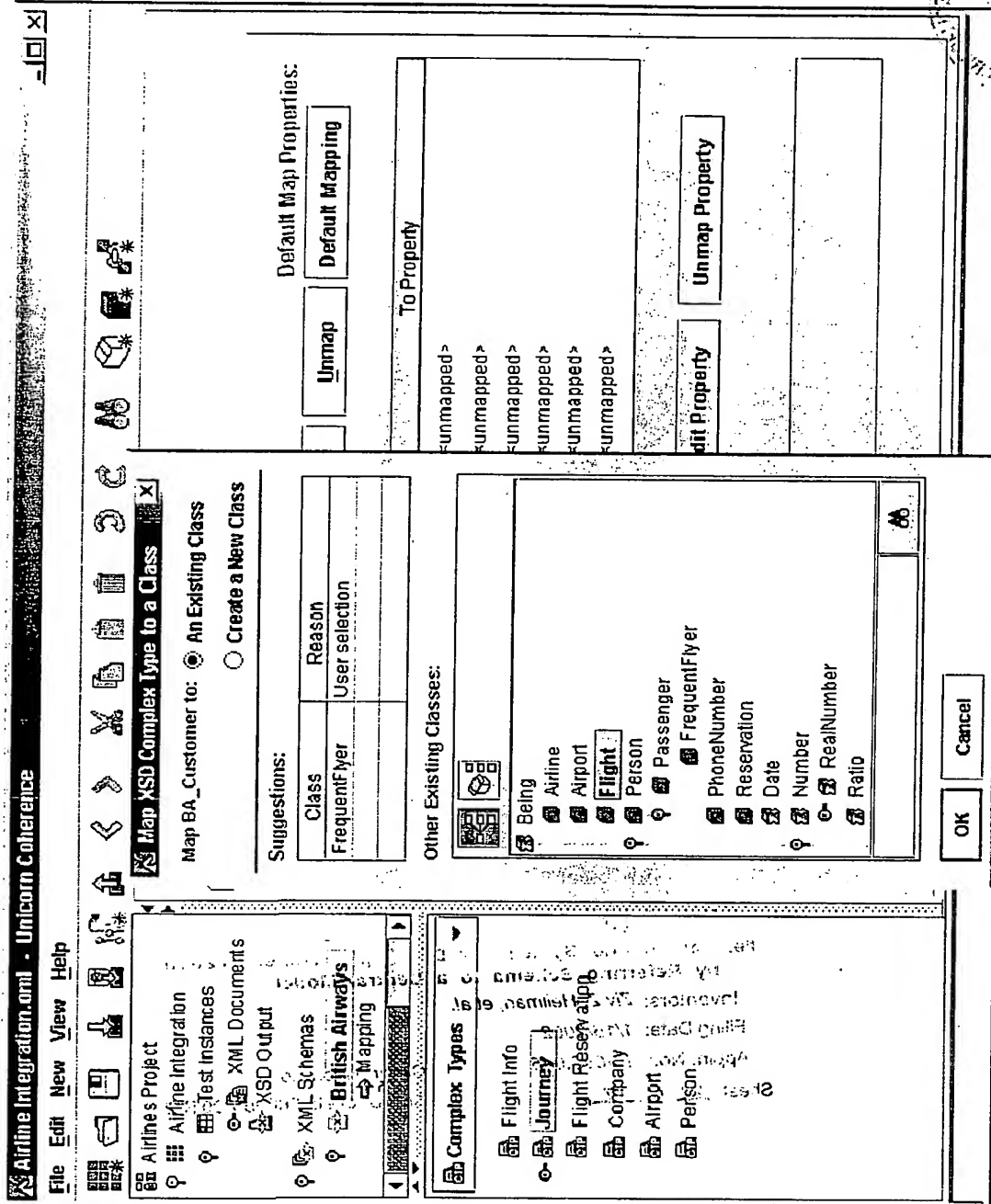


FIG. 11I

Airline Integration.oml - Unicorn Coherence

File Edit New View Help

Airlines Project

Airline Integration

Test Instances

XML Documents

XSD Output

XML Schemas

British Airways

Mapping

Map ComplexType: Journey

Mapping Schema PRO

Mapping to Class: Flight

Default Map Properties: Default Mapping

Unmap

Add --

From	Type	To Property
airline	Company	<unmapped>
arrival	Airport	<unmapped>
departure	Airport	<unmapped>
distance in miles	xs:float	<unmapped>
id	xs:string	<unmapped>
take off	xs:date	<unmapped>

Map This Field To:

New Property

Existing Property

Edit Property

Unmap Property

Description:

The airline company name.

FIG. 11J

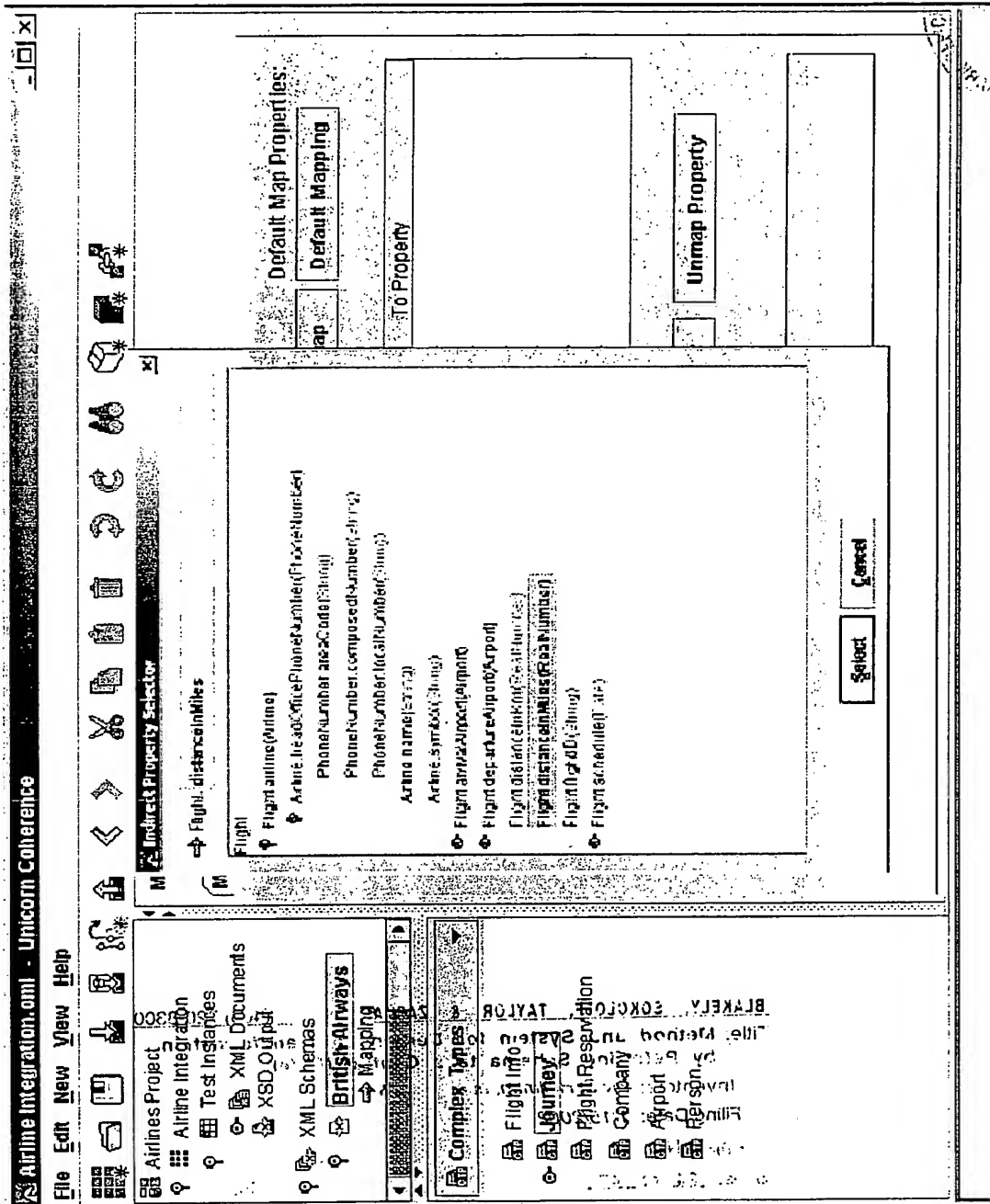


FIG. 11K

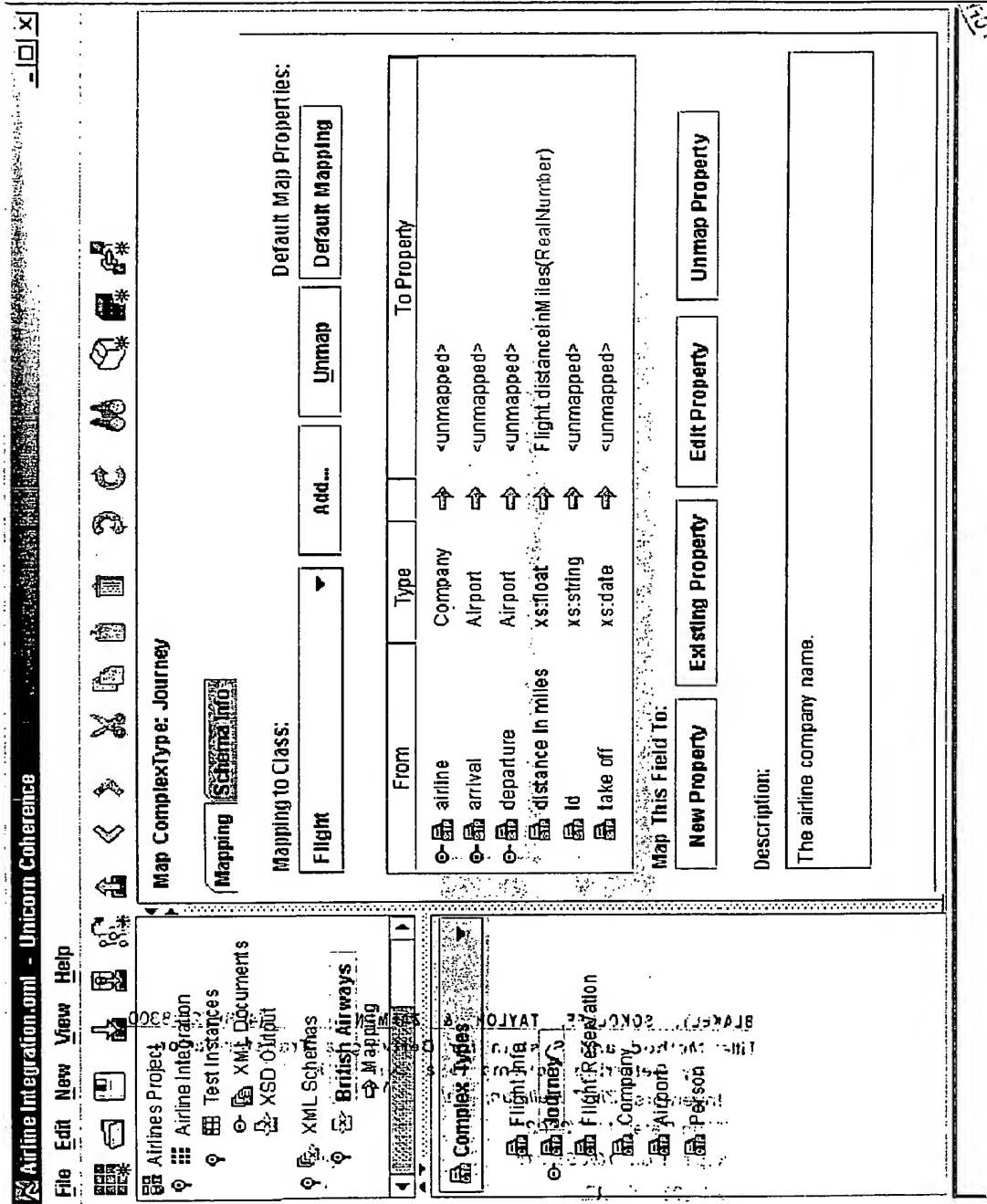


FIG. 11L

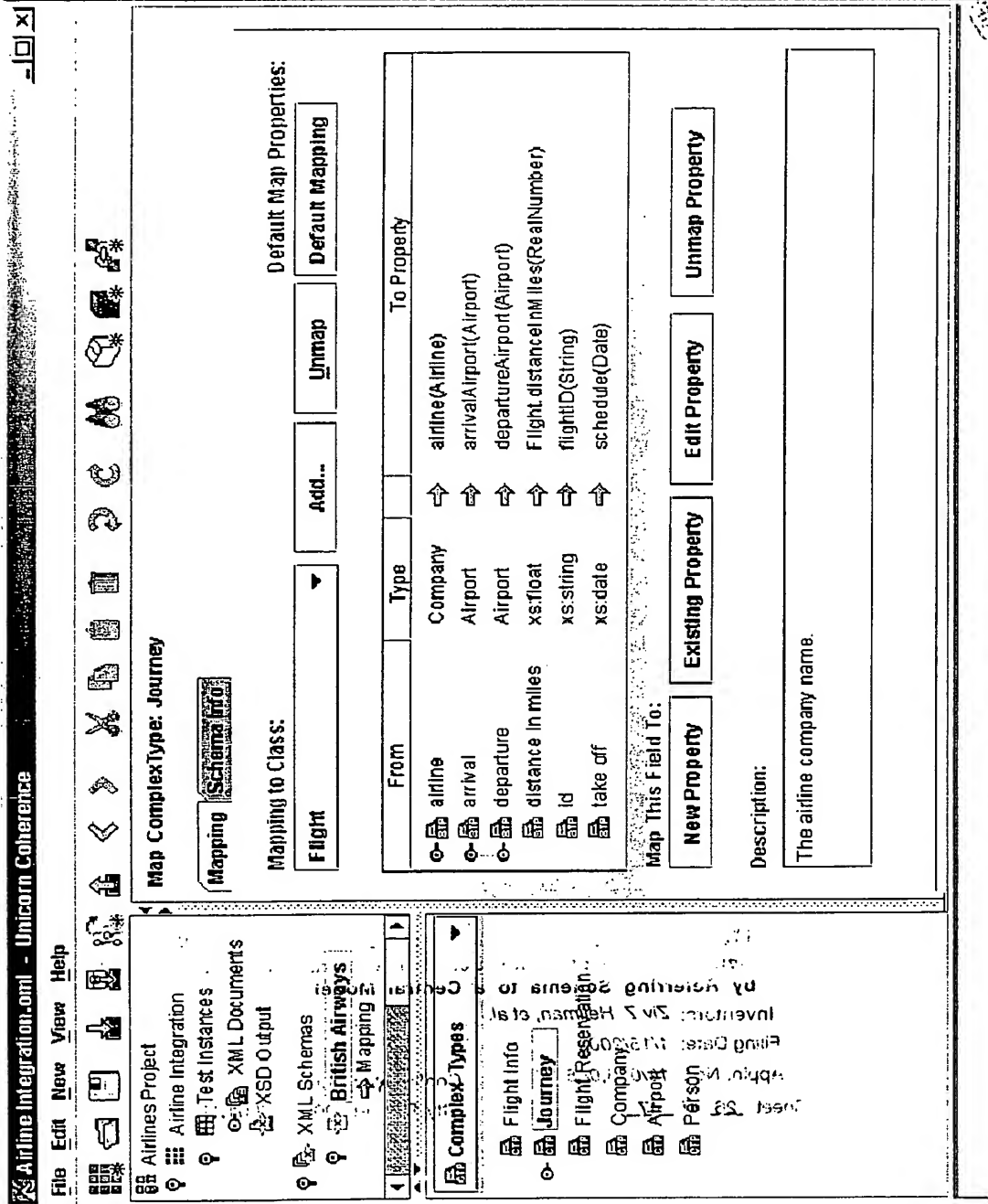


FIG. 11M

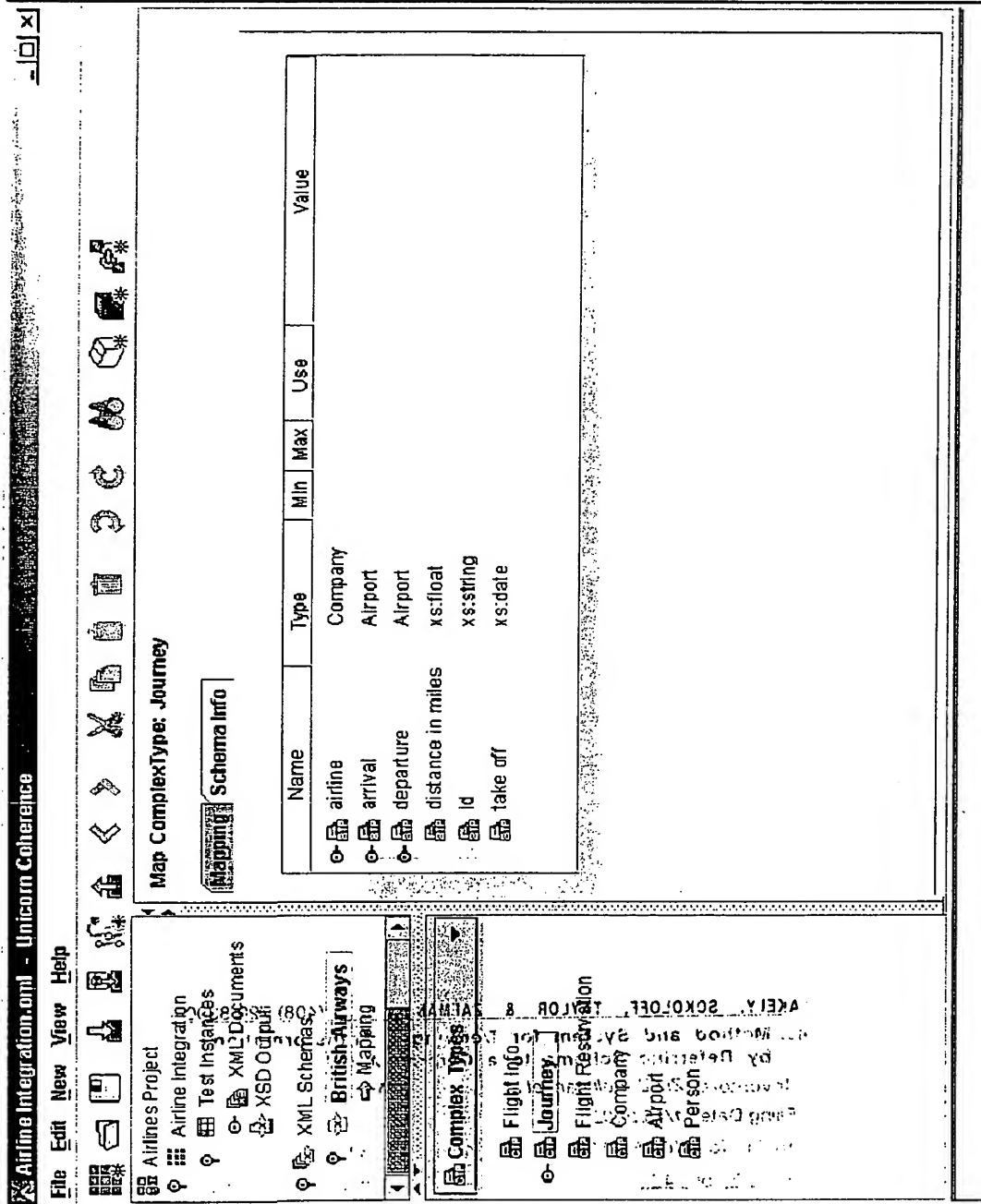
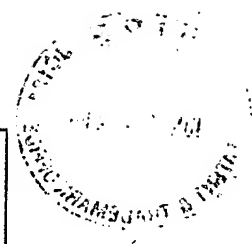


FIG. 11N



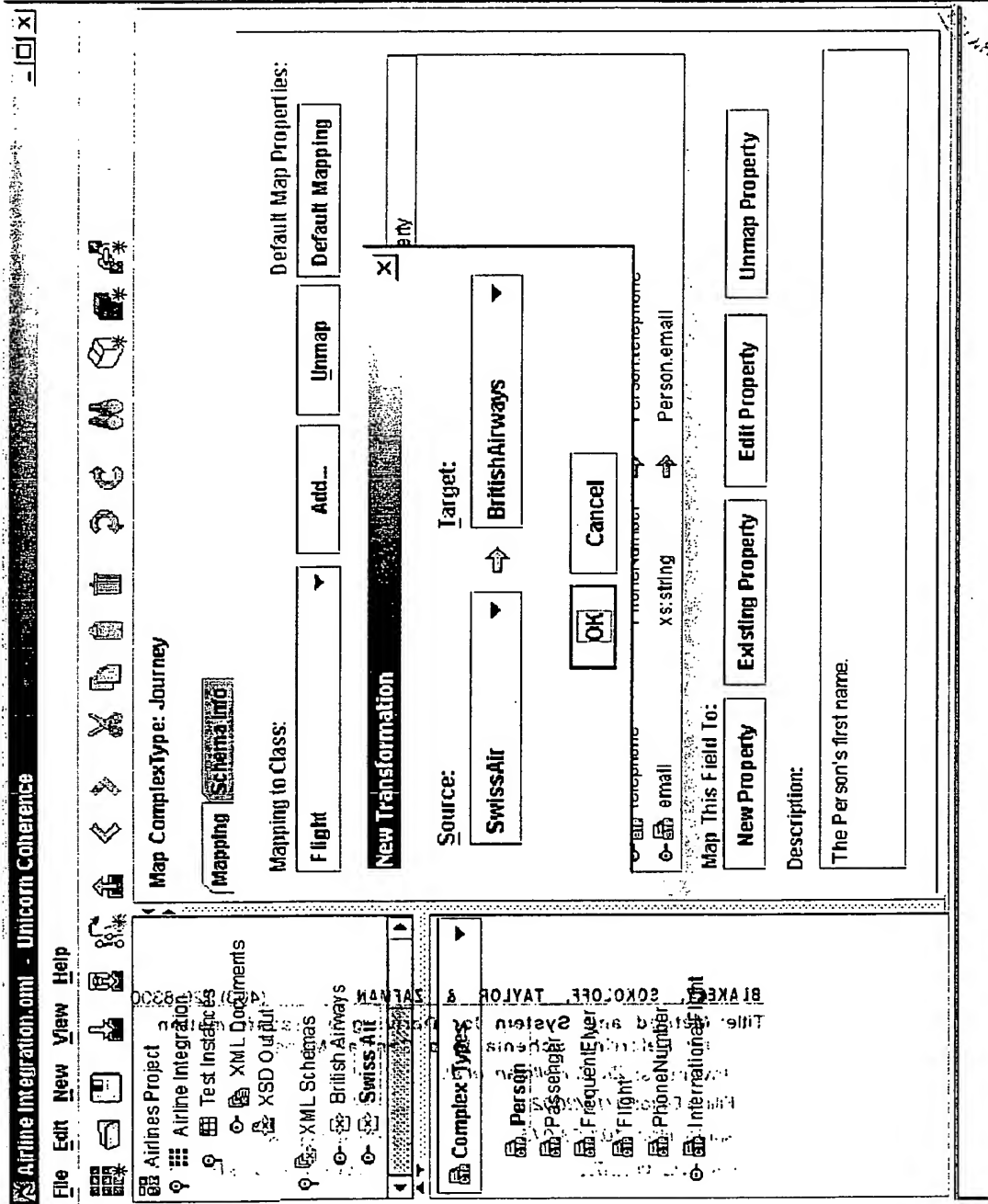


FIG. 110

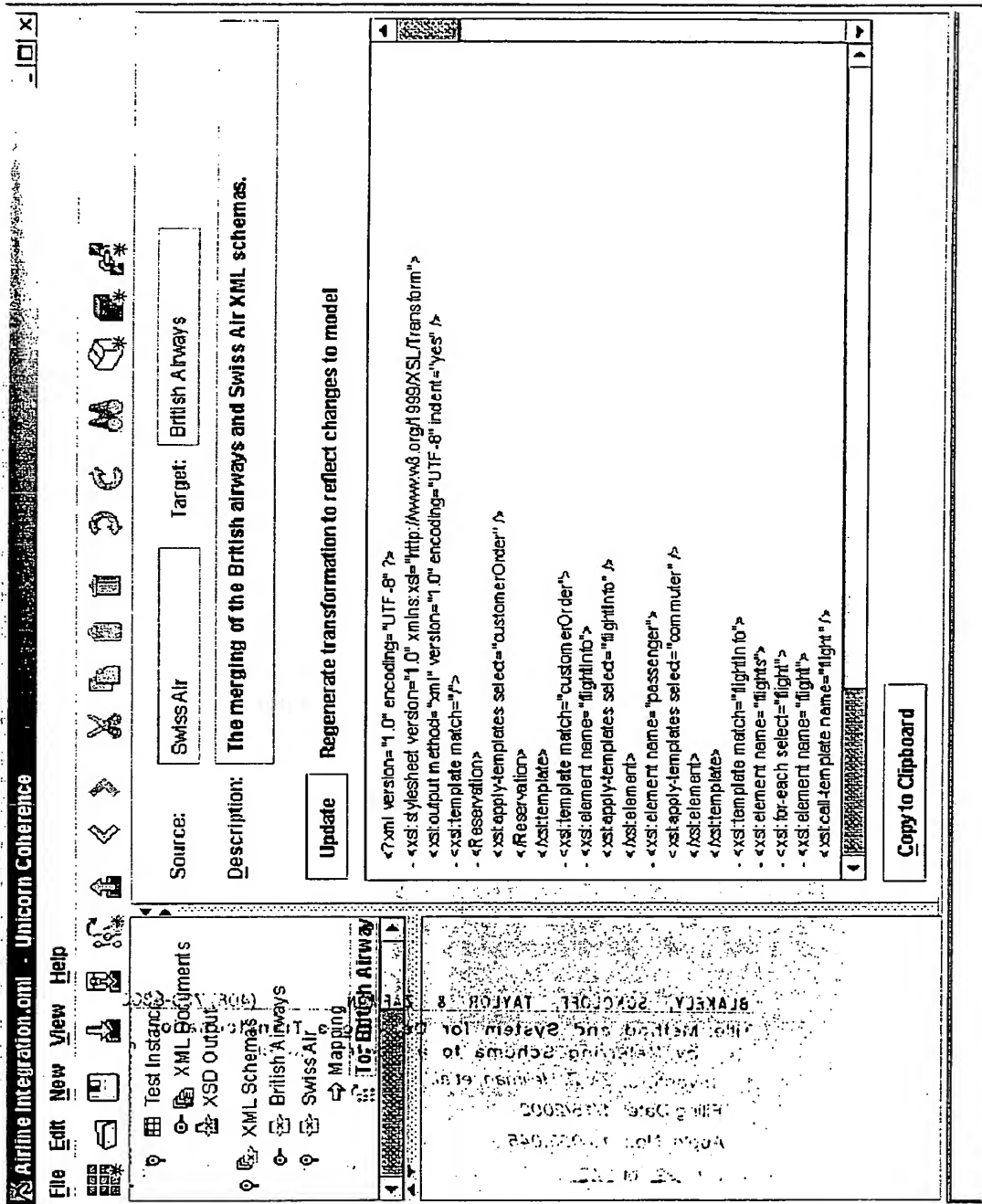


FIG. 11P

SECRET

[illegible][illegible]



FIG. 11R

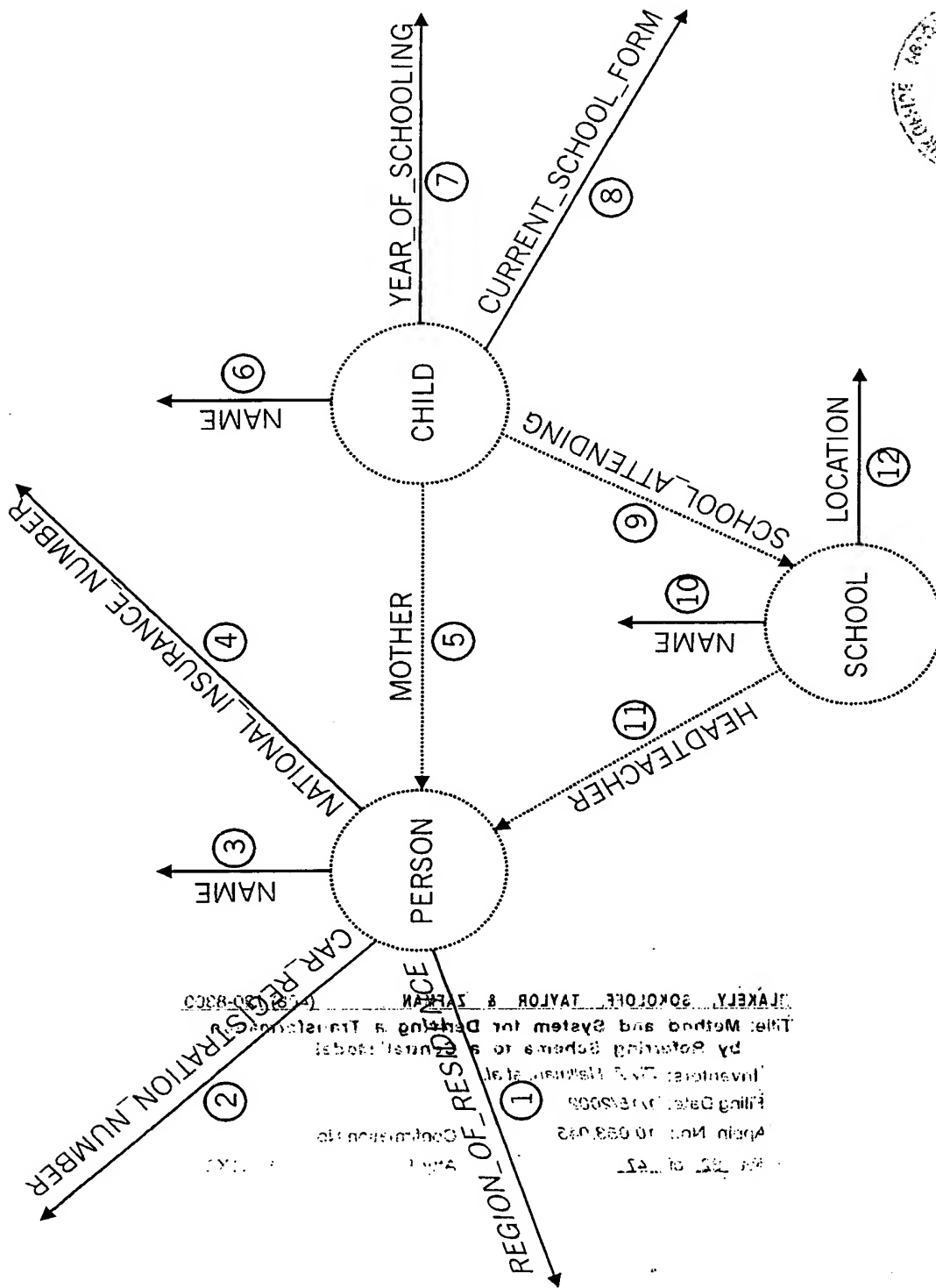


FIG. 12



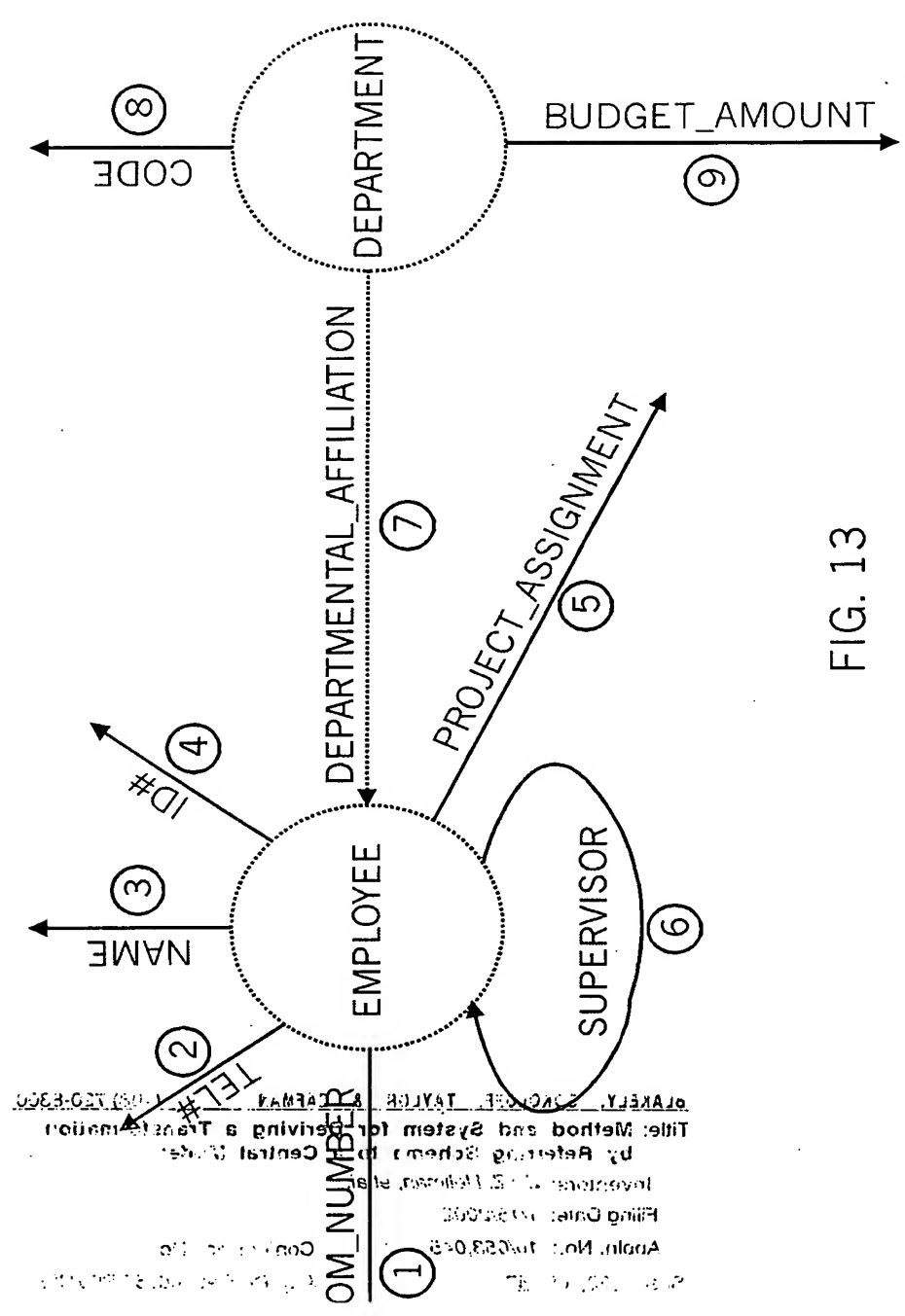


FIG. 13



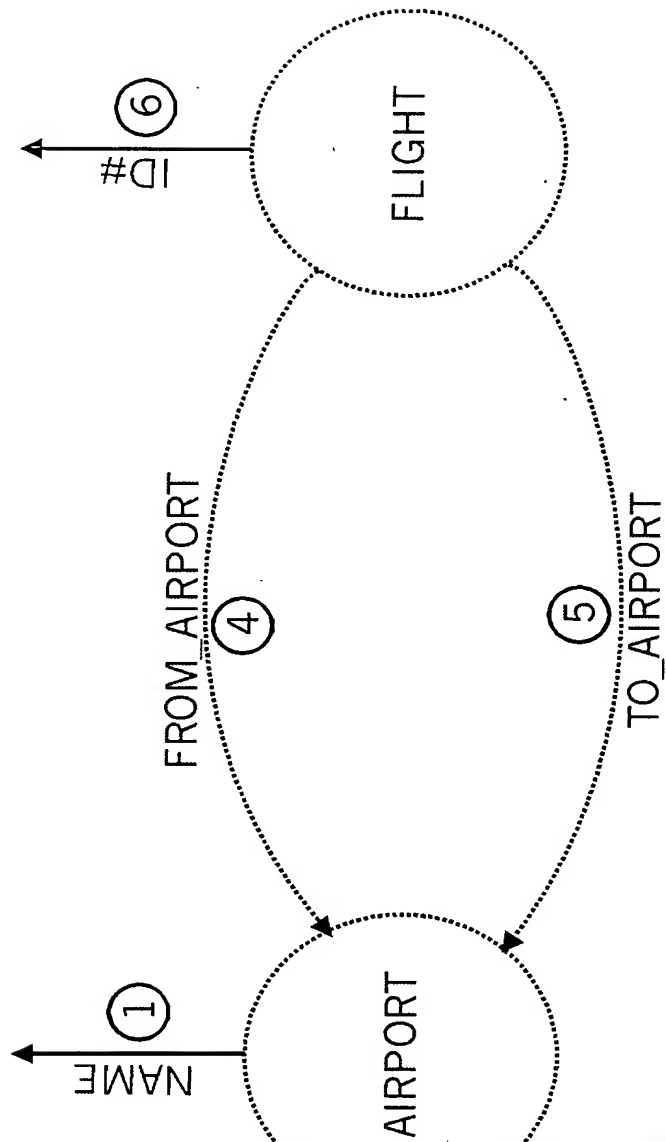


FIG. 14



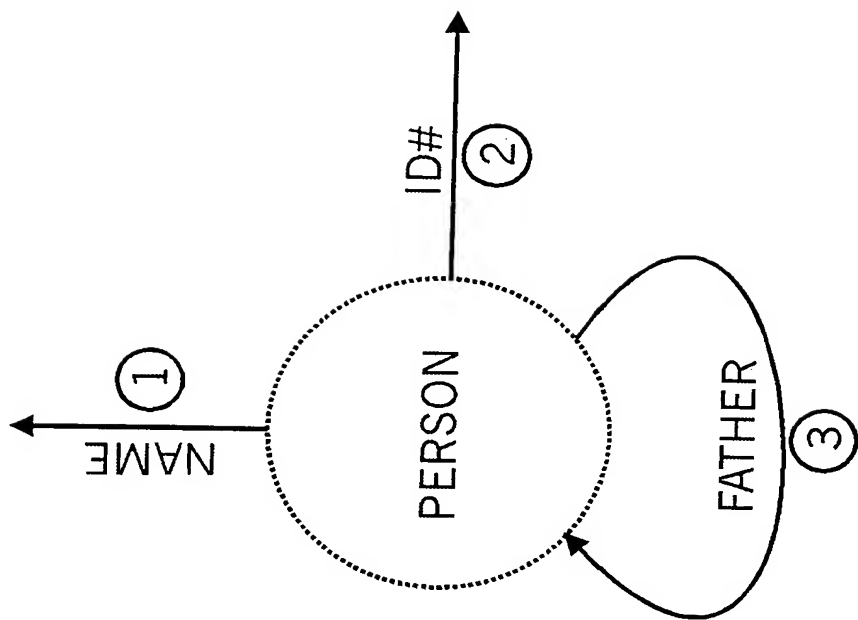


FIG. 15



Patent No. 4,600,045
 Filed Dec. 1983
 Invention of J. Taylor & J. Taylor
 Title: Method and System for Deriving a Transformation
 of Rotating Schemes to a Central Model
 Taylor & Taylor, Inc.
 1987

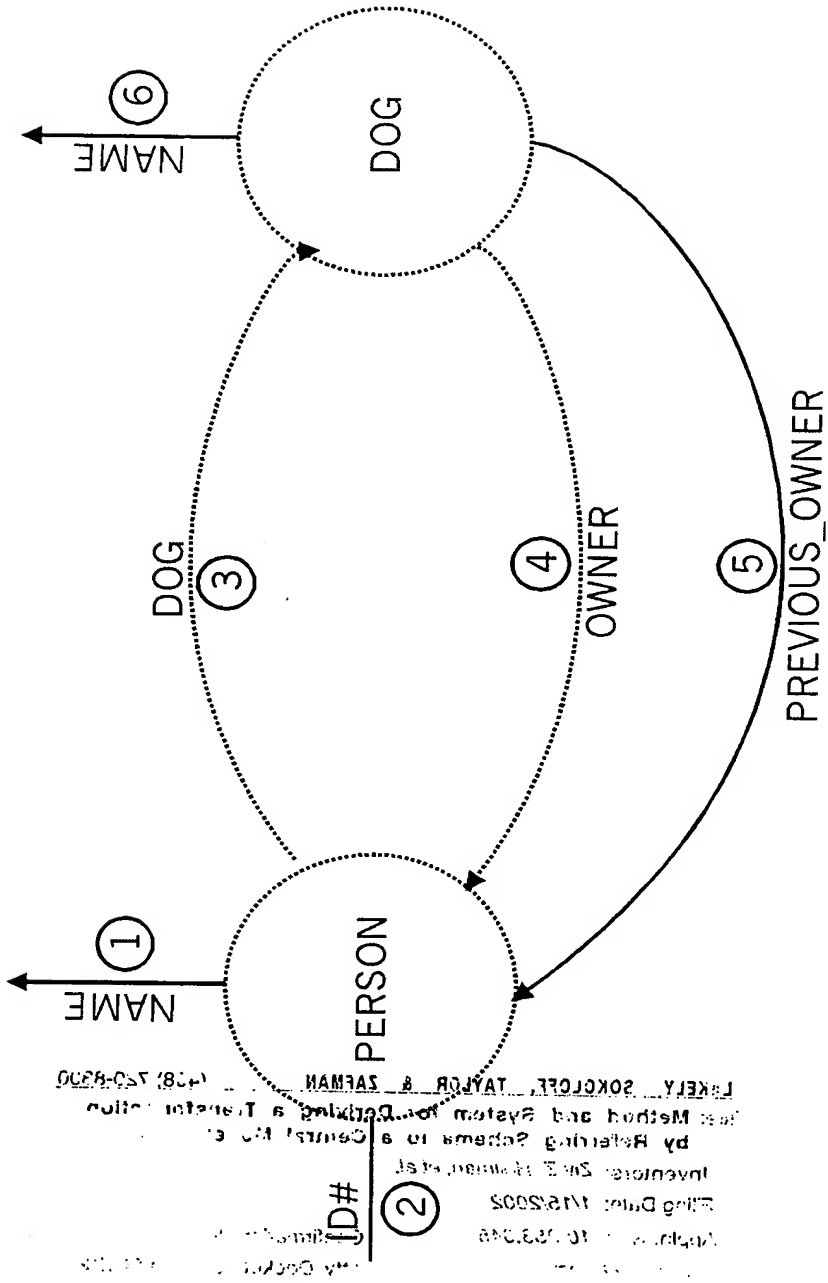


FIG. 16



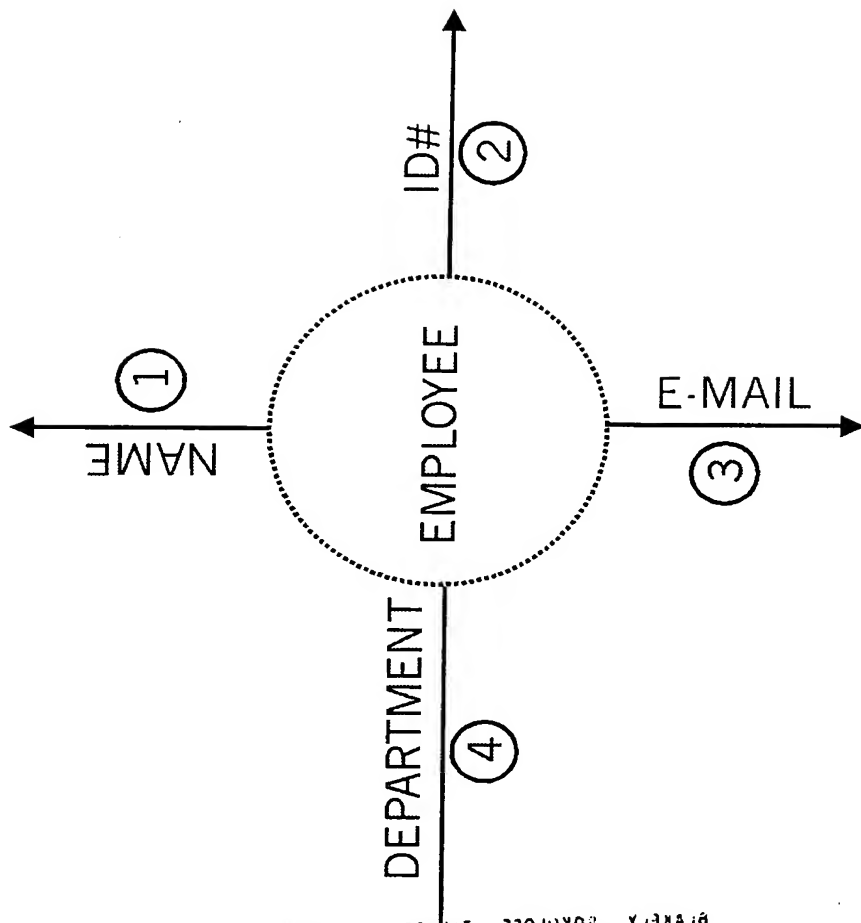
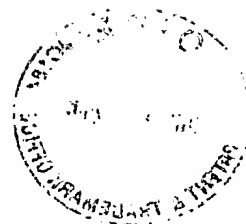


FIG. 17



BLAKELY, SOXHOFF, TAYLOR & SAEVAK
 (415) 250-8200
 The Method and System for Deriving a Transformation
 by Relating Schema to a Central Schema
 Invented by: SAEVAK, HAN, and others
 Patent No. 5,720,000
 Filed: Dec. 1, 1995
 Date of Patent: Jul. 18, 1997

2000-11-11 12:11
Appl. No. 10/003,419
Filed Date: 10/03/2000
Inventors: JIN Z. HONG et al.
Title: Method and System for Deriving a Transformation
by Relating Spacings to a Central Model
U.S. Patent and Trademark Office
WASHINGTON, DC 20535

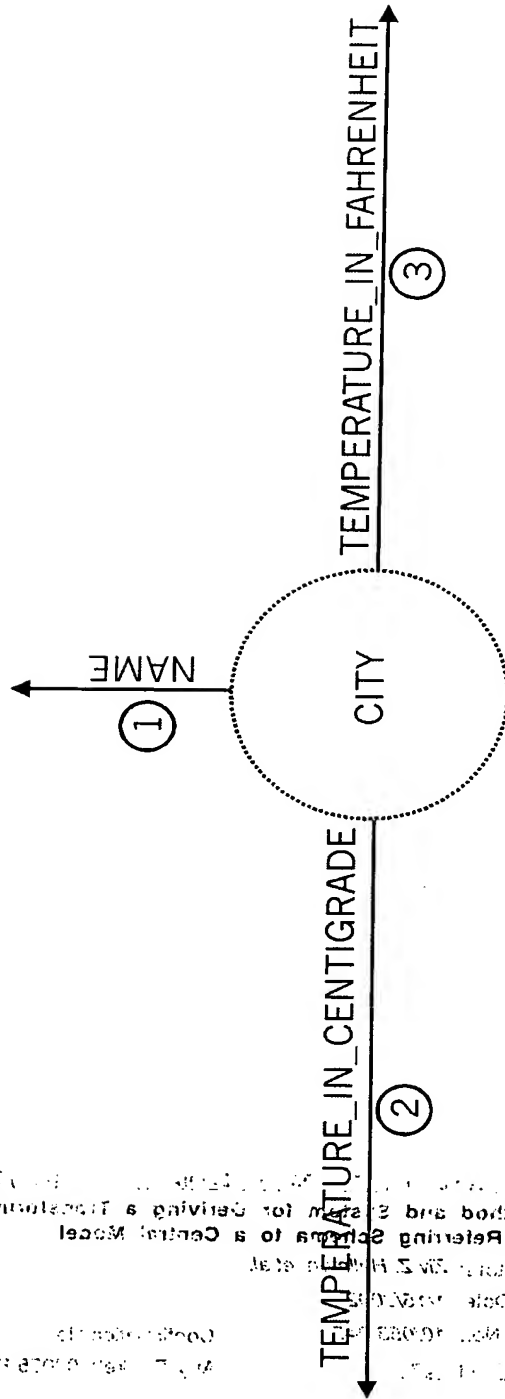


FIG. 19



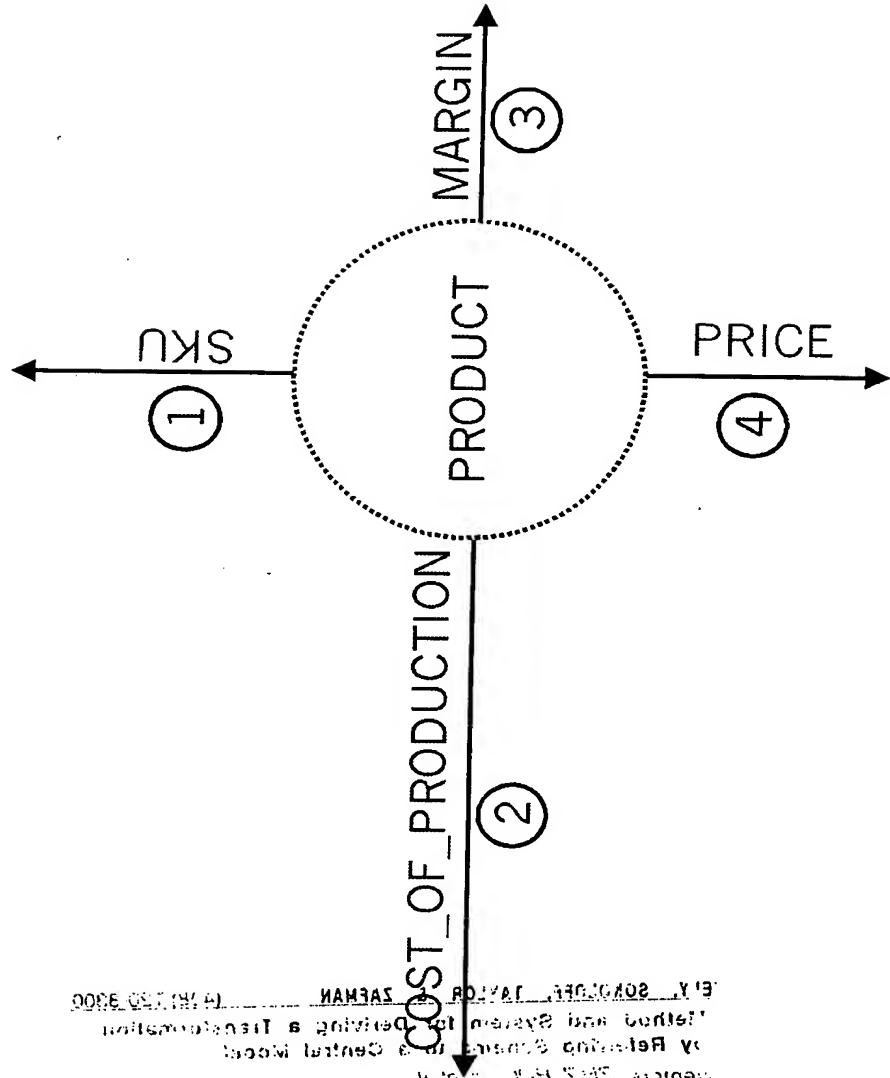


FIG. 20

Method and System for Determining a Product's Profitability
by Relating Costs to a Central Model
Inventors: JAVIER A. ZAFMAN
Attorney: JAVIER A. ZAFMAN
P.O. Box 1000
San Francisco, CA 94112-1000

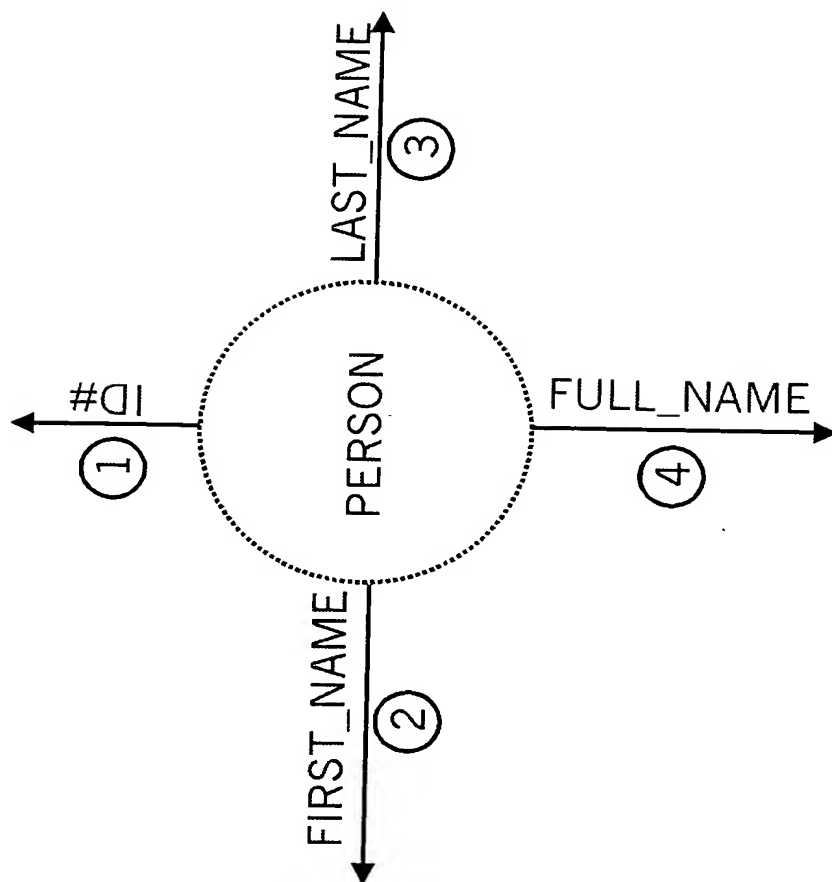


FIG. 21



STANLEY 200105E TAYLOR & YERGEN
 0005-025 (800)
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 Bureau of the Census, Washington, D.C. 20540
 on 10/10/63.
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 Bureau of the Census, Washington, D.C. 20540
 on 10/10/63.
 The following information was received from the
 Bureau of the Census, Washington, D.C. 20540
 on 10/10/63.

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1000 EAST 58TH STREET
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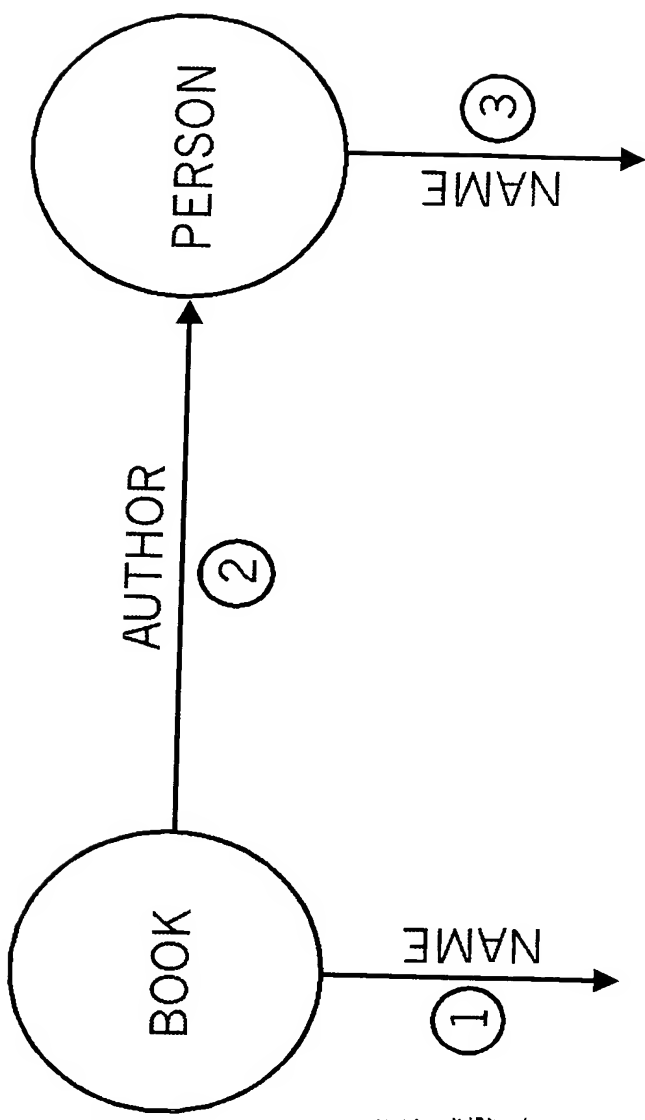


FIG. 22



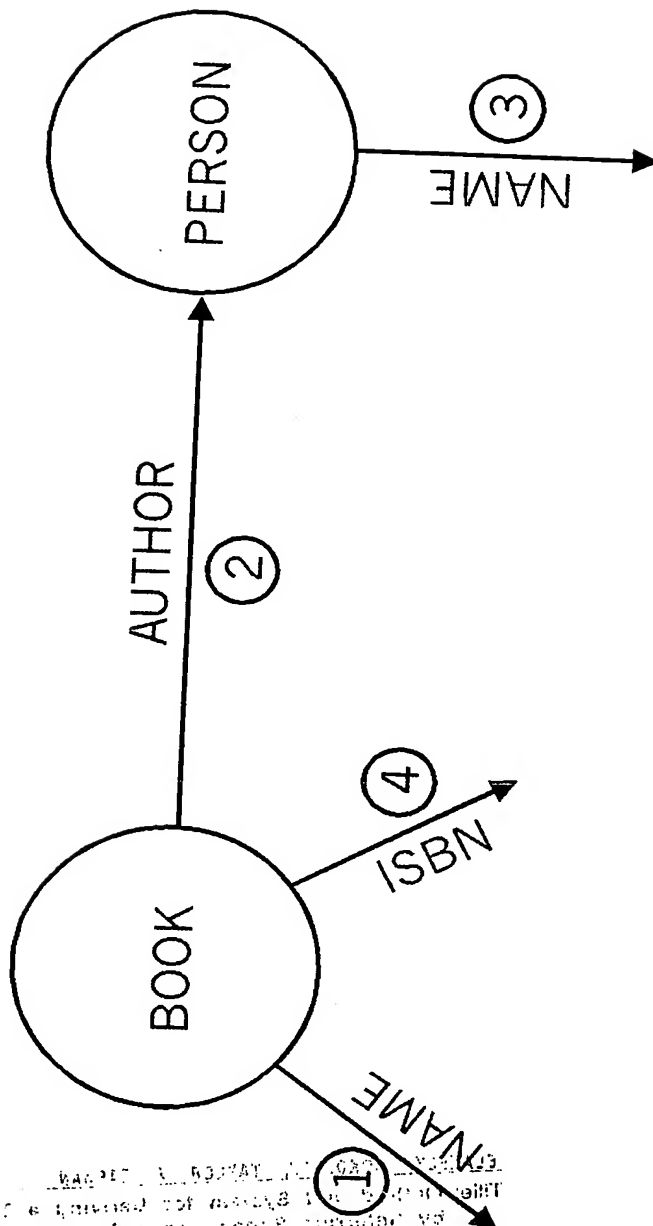


FIG. 23

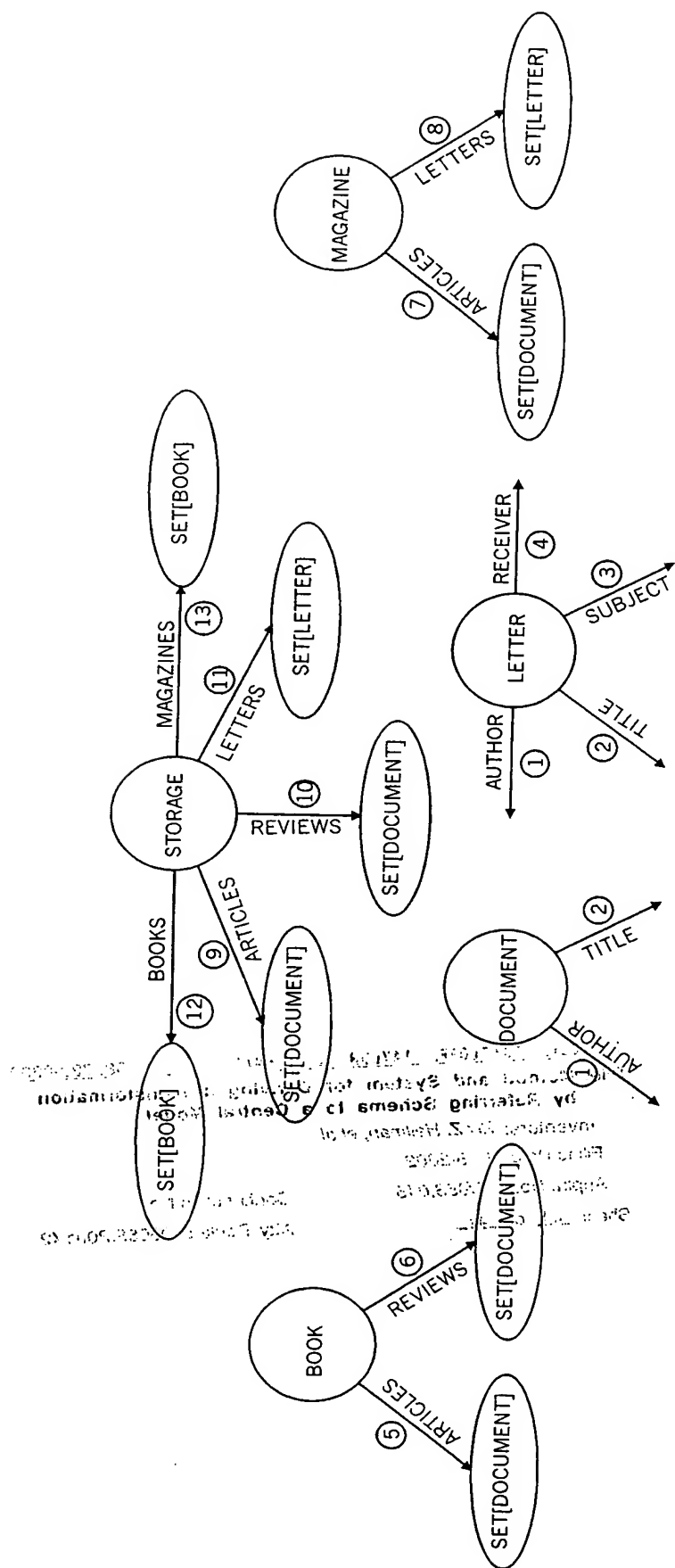


FIG. 24



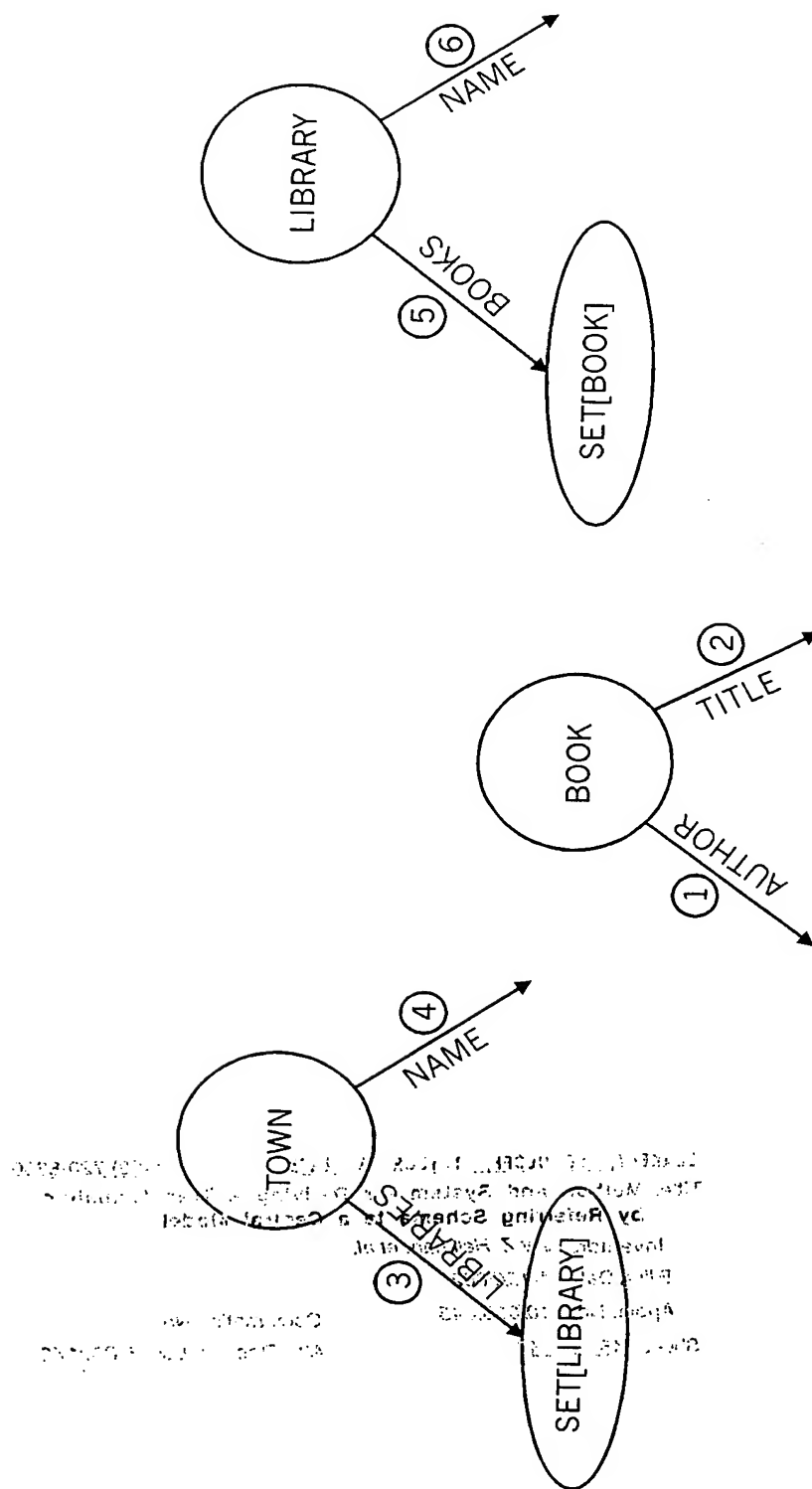


FIG. 25



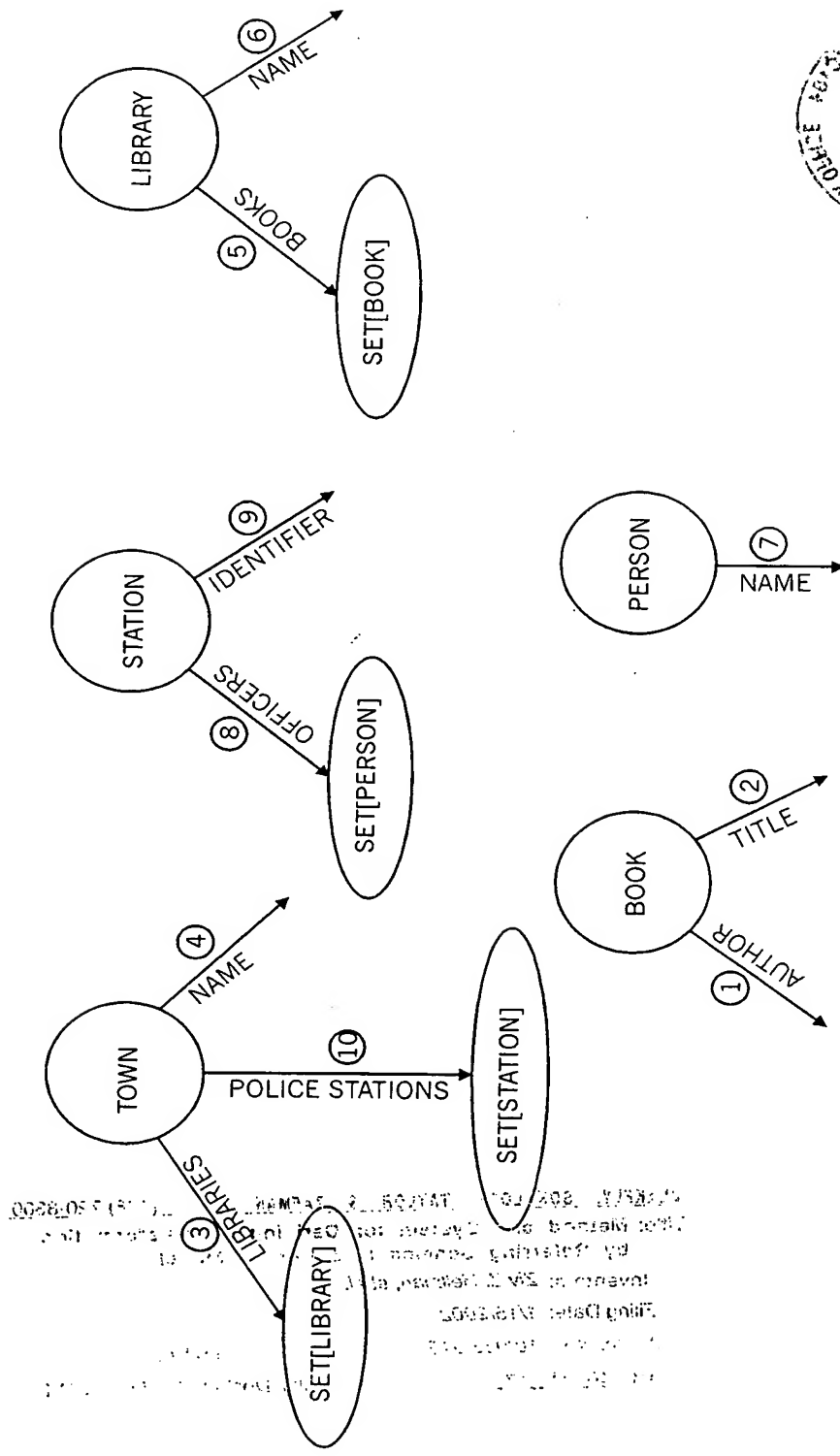


FIG. 26

